# EUROBOOR

FOR PROFESSIONALS BY PROFESSIONALS

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EUROBOOR

# FOR PROFESSIONALS BY PROFESSIONALS

**Yvestos Welding Services - The Netherlands**

**Project: Railway track repair work - Rotterdam Central Station August 2011**

EUROBOOR
FOR PROFESSIONALS BY PROFESSIONALS

# MORE THAN 35 YEARS OF INNOVATION

Time flies. More than 35 years ago we were the first company to put the magnetic drilling system on the market. Back then we did this as a distributor on behalf of the Dutch market.

I joined the family business in 1982 which at the time had no more than four employees. Through the years we always wanted to do things better. “Listen properly to customers’ wishes and make sure you live up to expectations” … that’s what my father used to tell me time and again. His advice continues to be one of the strong pillars this company’s success is based on. We consider customers to be our partners as well given the fact that our best product developments are in line with their requirements. The added value is that we are perfectly familiar with both our products and the customer’s individual situation which means we will always come up with the best solution.

Thanks to this mentality today Euroboor has become a manufacturer specialized in portable industrial metal cutting tools.

Albert Koster
Managing Director

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| | |
|---|---|
| Design and Technical Realization | Aan Zee, Noordwijk |
| Internet | www.aanzee.nl |
| Photography | Visions B.V., Lisse |
| Internet | www.visions.nl |

# For Professionals by Professionals

Euroboor, a family business specialized in Industrial Portable Tools, was founded in 1977 as a sole proprietorship. Today the company is proud of its 110 employees and is actively involved in 58 countries.

At the Euroboor Company we are constantly upgrading our technology to provide our customers with leading edge products that perform. Not only do we provide our customers with top quality machining and tooling, we know that to keep them coming back to the Euroboor Company we must provide superior customer care and top quality performance.

Through our 35 years of experience, we have recognized that providing superior service does not end with a quality product - it takes products, service, and performance. We pride ourselves on being a value-added operation, offering you service from beginning to end and everywhere in between.

**Products**

Euroboor presents the best of the best in this industry. We produce and supply our customers with products they can count on and quality they expect to receive. At present Euroboor products are represented and available in more than 70 countries worldwide.

Euroboor's product selection includes Magnetic drilling machines, Annular Cutters, Beveling machines, Sawing machines and many accessories. For each single product the emphasis is on safety, diversity and quality. We provide an extensive package of expert products.

**Quality guaranteed**

At each production phase all Euroboor tools are subjected to the strictest quality checks. Quality inspectors study each component with the utmost care to guarantee nothing but the best quality.

Once all tested products have been packaged, they are stored in the factory warehouses. Subsequently machines are randomly taken away from stock, dismantled entirely at the test center, accurately re-measured and checked. When everything is seen to be in perfect order the products may leave the factory.

**Service and support**

Not only does Euroboor provide top quality equipment, we bring you uncompromised service as well. Our knowledgeable sales staff is on call 24 hours a day to answer your questions or provide on-site service. We ensure our customers they can depend upon our support. Moreover we can communicate in more than 10 languages: Dutch, English, German, French, Italian, Russian, Chinese, Urdu, Punjabi and Arabic language.

Euroboor dedicates careful attention to informing the distribution partners. By offering intensive support to our dealers/wholesalers we help them choose the right products.

Also, we are happy to provide practical and technical information. But we have much more to offer. We are perfectly aware of the fact that customers prefer smaller stocks more often. So we ensure prompt and frequent delivery.

# EUROBOOR CATALOG

**Intertek**

In order to gain faster, more efficient entry to any market in the world, all Euroboor's Magnetic Drilling Machines are thoroughly tested by Intertek, an internationally well-known company who offers efficient product testing, inspection and certification solutions.

For North America and Canada we have the ETL Listed Mark, a proof that the Euroboor's products have been independently tested and meet the applicable published safety standard. For Europe we have the CE Mark and for Australia we have the EMC Mark.

**Technical Service Department**

One of Euroboor's unique selling points is our 'in house' Technical Service Department. Our dedicated engineers are mainly responsible for maintenance and repair on Magnetic Drilling Machines. But also, product development and testing new machines is a key activity.

**Service vehicles**

Euroboor's service vehicles provide yet another special service. Should dealers be unable to answer customers' questions, they may call us.

The GPS Vehicle Tracking System service means vehicles can be traced to make sure they reach clients promptly. All drivers are experienced engineers with expert knowledge. Inside the vehicles all common parts are kept in stock. This service means great advantages for all parties involved.

**Euroboor and exhibitions**

Since its foundation Euroboor has been attending exhibitions. At first this was only focused on the Dutch Market, but since 2009 we have exhibited at international fairs like the International Hardware Fair in Cologne and the EMO in Hannover (both in Germany).

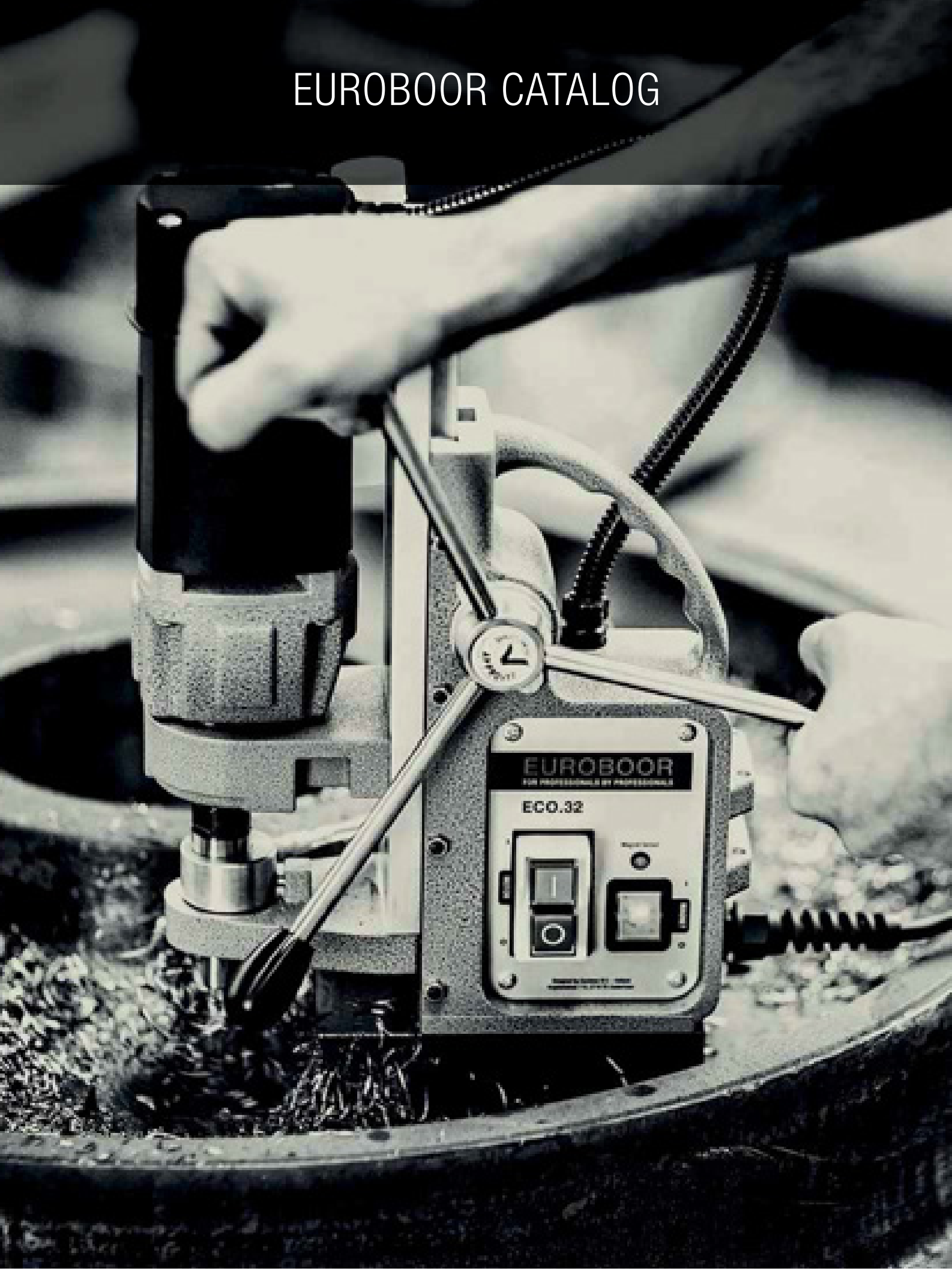
In the near future we will also be joining fairs in Eastern Europe, North- and South America and Asia. Our website will be providing detailed information on a regular basis.

**Vertical Information Portal**

The Euroboor's Vertical Information Portal, www.euroboor.com will contain information in many languages about magnetic drilling technology, tools and accessories for the Metal Cutting Industry.

Besides this we will provide news, editorial content, digital publications and e-commerce capabilities. In the near future we will also provide dynamic multimedia applications including social networking, video posting and blogging.

# EUROBOOR CATALOG



# MAGNETIC DRILLING MACHINES

**Safety**
All Euroboor electrical tools are designed for the world market. Obviously all user safety regulations have been met.

There are general regulations which apply within Europe through various countries have their own interpretations. Euroboor has taken all of these requirements into account and therefore puts nothing but the safest products into the market.

**Quality control**
All Euroboor electrical tools are meticulously tested and checked a number of times. In the unlikely event of defects or malfunctions, Euroboor will repair any defect or malfunction provided the warranty conditions are met. In principle, no warranty applies to machinery which is hired. If the user dismantles the machine, the warranty is void.

**Warranty**
Without exception, all Euroboor magnetic drilling machines are subjected to the strictest quality checks at every stage. Quality inspectors examine every part with great care and accuracy, in order to guarantee top-quality products.

**Complete delivery**
The ECO.32, ECO.32-T, ECO.40/2, ECO.50 and ECO.50-T are supplied in a professional plastic carrying case.

The ECO.80/4 and the ECO.100/4 (D) are packaged in a handy trolley with two wheels and a telescopic trolley handle.

# EBM.360

THE EBM.360 - CORDLESS FOR OPTIMUM PERFORMANCE
THE NEW STANDARD AMONG BATTERY-POWERED MAGNETIC DRILLING MACHINES

EBM.360

TECHNICAL DATA

| | |
|---|---|
| ANNULAR CUTTERS | ø 12 - 36 mm |
| TWIST DRILLS | ø 1 - 13 mm |
| MAXIMUM DRILL DEPTH | 55 mm |
| LENGTH | 297 mm |
| WIDTH | 112 mm |
| HEIGHT | 420 - 610 mm |
| STROKE | 230 mm |
| WEIGHT INCL. BATTERY | 15 kg |
| MAGNET (L x W x H) | 160 x 80 x 42 mm |
| MAGNETIC FORCE | 1700 kg |
| BATTERY CAPACITY | 37 V/7,6 Ah Li-Ion |
| CHARGING TIME | 90 minutes |
| SPEED (NO LOAD) | 506 $MIN^{-1}$ |
| SPEED (LOAD) | 375 $MIN^{-1}$ |
| SPINDLE | 19,05 MM WELDON |
| BATTERY CHARGER | 110 - 120V AC / 50 - 60 HZ |
| | 220 - 240V AC / 50 - 60 HZ |

SensorTec ThermoTec SmartTec Smart Safety

Are you looking for a battery powered magnetic drilling machine? There is only one real choice. No battery powered magnetic drilling machine in the world is as smart as the EBM.360. The machine combines safety, freedom of movement and power into a single fantastic package.

## CHARGER

▶ TECHNICAL DATA

9A CHARGING CURRENT

CC & CV* LABEL INFORMATION: QUICK CHARGER AND BATTERY CHARGER ALL-IN-ONE

- 0-80% in 20 minutes
- 80-100% in 70 minutes

LED INDICATE THE CHARGE STATUS OF THE BATTERY

120/230V AC – 50/60 HZ

INTEGRATED COOLING FAN

CONTACTS PROTECTED SLIDING SYSTEM

COMES IN A HANDY CARRY CASE

## STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| 360.0002 | 37 V / 7,6 Ah Battery pack | |
| 360.0500 | Battery charger | |
| KSP.Q | Lubrication system (new model) with Quick Connect hose | 50 |

## ADDITIONAL PRODUCTS AVAILABLE

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| IBK.13 | Drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) | 52 |
| IBK.13Q | Keyless drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) | 52 |
| IBK.14 | Adapter 19,05 mm (¾") Weldon (outer) - ½" x 20 UNF (outer) | 53 |
| IBK.15 | Adapter (length 65 mm) ½" x 20 UNF (inner) - ½" x 20 UNF (outer) | 51 |
| IBQ.13 | Drill chuck Quick Change ø 1,5 - 13 mm with ½" x 20 UNF (inner) | 52 |
| HCS.KIT | HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm<br>6-piece set including 1 pilot pin, sizes 2x ø 14 I 2x ø 18 I 2x ø 22 mm | 42 |
| HCS.KIT/10 | HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm<br>10-piece set including 1 pilot pin, sizes:<br>ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm | 42 |
| SSPI.06-14<br>SPI.06-14 | HSS Twist drill set with 19,05 mm Weldon connection 6 - 14 mm x 30/55 mm<br>(Increasing by 1 mm increments) | 44 |
| TDS.100 | HSSE-Co (M35) 19-piece Twist drill set (increasing by 0,5 mm increments) | 46 |

### GRIP

- Keeps the machine balanced when being moved
- Solid

### FEED HANDLES

- High positioning for optimum operation and maximum stroke
- Depth indicator

### SPINDLE AND SUPPORT BRACKET

- Solid spindle
- Self-lubricating bearing bush
- Integrated cooling ring
- Universal Weldon adapter:
  Core drilling: ø 12 - 36 mm
  Twist drilling: ø 1 - 13 mm

### PANEL

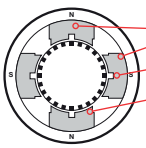
- Clear and simple control panel
- Easy to operate
- Acoustic and visual safety signal
  - Multicolour LEDs (white button)

Smart Safety

### MOTOR

ThermoTec

- Powerful 4-pole motor
- Low noise
- Slow start function
- High torque
- Temperature protection




- Shaded pole
- Split
- Copper wire, one turn

### ELECTROMAGNET

SensorTec Smart Safety

- Integrated magnet sensor
- Magnetic force: 1700 kg I 3750 lbs.
- Special dual coil wrap technology
- Compact dimensions: 160 x 80 x 42 mm

### BATTERY

SmartTec ThermoTec

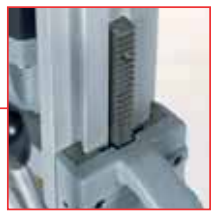
- Lithium-ion
- 37 V / 7,6 Ah
- LED capacity indicator
- Protection: prevents charge from falling below certain level
- Rubber coating for improved grip
- Easy to replace

- 4 robust contact points made of beryllium copper with nickel coating for optimum conduction of current
- Contact point protection

# ECO.32

MAGNETIC DRILLING MACHINE UP TO Ø 32 MM

**DOVETAIL SLIDE**
New Euroboor dovetail slide provides more stability during drilling.



**GRIP**
The renewed ergonomical grip makes the machine easy to handle.

The ECO.32 has been the best-selling magnetic drilling machine in the recent years. The sufficient basic model has been provided with an eager single speed 1000 W motor. At no more than 12 kg the ECO.32 is the lightest and most compact magnetic drilling machine in the ECO series.

## ECO.32

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| ANNULAR CUTTERS | ø 12 - 32 mm |
| TWIST DRILLS | ø 1 - 13 mm |
| LENGTH | 320 mm |
| WIDTH | 210 mm |
| HEIGHT | 370 - 512 mm |
| STROKE | 150 mm |
| WEIGHT | 12 kg |
| MAGNET (L x W x H) | 160 x 80 x 42 mm |
| MAGNETIC FORCE | 1500 kg |
| MOTOR POWER | 1000 W |
| TOTAL POWER | 1050 W |
| SPEED (no load) | 775 $min^{-1}$ |
| SPEED (load 950 W) | 400 $min^{-1}$ |
| SPINDLE | 19,05 mm (¾") Weldon |
| AVAILABLE | 110 - 120V AC / 50-60 Hz |
| | 220 - 240V AC / 50-60 Hz |

### ORDER CODE:

ECO.32

### ACCESSORIES:

PAGE 48 - 63

### STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| KSP.Q | Lubrication system (new model) with Quick Connect hose | 50 |
| 020.0145 | Lubrication ring Quick Connect for KSP.Q | 50 |

### ADDITIONAL ACCESSORIES AVAILABLE

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| IBK.13 | Drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) | 52 |
| IBK.13Q | Keyless drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) | 52 |
| IBK.14 | Adapter 19,05 mm (¾") Weldon (outer) - ½" x 20 UNF (outer) | 53 |
| IBK.15 | Adapter (length 65 mm) ½" x 20 UNF (inner) - ½" x 20 UNF (outer) | 51 |
| IBQ.13 | Drill chuck Quick Change ø 1,5 - 13 mm with ½" x 20 UNF (inner) | 52 |
| 020.0116Q | Spindle ½" x 20 UNF - 19,05 mm (¾") Weldon Quick Connect | 50 |
| HCS.KIT | HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm<br>6-piece set including 1 pilot pin, sizes 2x ø 14 I 2x ø 18 I 2x ø 22 mm | 42 |
| HCS.KIT/10 | HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm<br>10-piece set including 1 pilot pin, sizes:<br>ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm | 42 |
| SSPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 30 mm<br>(Increasing by 1 mm increments) | 44 |
| SPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 55 mm<br>(Increasing by 1 mm increments) | 44 |
| TDS.100 | HSSE-Co (M35) 19-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| TDS.200 | HSSE-Co (M35) 25-piece Twist drill set (increasing by 0,5 mm increments) | 46 |

# ECO.32-T

MAGNETIC DRILLING MACHINE UP TO Ø 32 MM / THREADING UP TO M12

**DOVETAIL SLIDE**
New Euroboor dovetail slide provides more stability during drilling.

**GRIP**
The renewed ergonomical grip makes the machine easy to handle.

Need to drill and tap a M12 hole at a 13 meter height? Surely you could use some help. The ECO.32-T was designed to complete your tailor-made work. Improved operation and ergonomics will keep you mobile, which is perfect for construction work on site or at the workshop.

## ECO.32-T

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| ANNULAR CUTTERS | ø 12 - 32 mm |
| TWIST DRILLS | ø 1 - 13 mm |
| COUNTERSINKING | ø 10 - 25 mm |
| THREADING | M3 - M12 |
| LENGTH | 320 mm |
| WIDTH | 210 mm |
| HEIGHT | 370 - 512 mm |
| STROKE | 150 mm |
| WEIGHT | 12,6 kg |
| MAGNET (L x W x H) | 160 x 80 x 48 mm |
| MAGNETIC FORCE | 1500 kg |
| MOTOR POWER | 1000 W |
| TOTAL POWER | 1050 W |
| SPEED (no load) | 100 - 600 $min^{-1}$ |
| SPEED (load 1000 W) | 225 $min^{-1}$ |
| SPINDLE | 19,05 mm (¾") Weldon |
| AVAILABLE | 110 - 120 V AC / 50-60 Hz |
| | 220 - 240 V AC / 50-60 Hz |

### ORDER CODE:

ECO.32-T

### ACCESSORIES:

PAGE 48 - 63

### STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| KSP.Q | Lubrication system (new model) with Quick Connect hose | 50 |
| 020.0145 | Lubrication ring Quick Connect for KSP.Q | 50 |
| TCM.8-12 | Tap holders M8 - M12 | 63 |

### ADDITIONAL PRODUCTS AVAILABLE

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| IBK.13 | Drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) | 52 |
| IBK.13Q | Keyless drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) | 52 |
| IBK.14 | Adapter 19,05 mm (¾") Weldon (outer) - ½" x 20 UNF (outer) | 53 |
| IBK.15 | Adapter (length 65 mm) ½" x 20 UNF (inner) - ½" x 20 UNF (outer) | 51 |
| IBQ.13 | Drill chuck Quick Change ø 1,5 - 13 mm with ½" x 20 UNF (inner) | 52 |
| 020.0116Q | Spindle ½" x 20 UNF - 19,05 mm (¾") Weldon Quick Connect | 50 |
| HCS.KIT | HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm<br>6-piece set including 1 pilot pin, sizes 2x ø 14 I 2x ø 18 I 2x ø 22 mm | 42 |
| HCS.KIT/10 | HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm<br>10-piece set including 1 pilot pin, sizes:<br>ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm | 42 |
| SSPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 30 mm<br>(Increasing by 1 mm increments) | 44 |
| SPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 55 mm<br>(Increasing by 1 mm increments) | 44 |
| TDS.100 | HSSE-Co (M35) 19-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| TDS.200 | HSSE-Co (M35) 25-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| Taps | Machine taps M3 - M12 | 60 |

# ECO.40/2

MAGNETIC DRILLING MACHINE UP TO Ø 40 MM

**DOVETAIL SLIDE**
New Euroboor dovetail slide provides more stability during drilling.

**GRIP**
The renewed ergonomical grip makes the machine easy to handle.

With a great touch of overcapacity, working is even more fun. The ECO.40/2 magnetic drilling machine has a 1050 W motor and can be mechanically adjusted to two rotational speeds. This makes it the perfect machine for drilling with annular cutters (low gear) as well as cutting with twist drills (high gear).

## ECO.40/2

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| ANNULAR CUTTERS | ø 12 - 40 mm |
| TWIST DRILLS | ø 1 - 13 mm |
| LENGTH | 320 mm |
| WIDTH | 210 mm |
| HEIGHT | 395 - 540 mm |
| STROKE | 150 mm |
| WEIGHT | 12 kg |
| MAGNET (L x W x H) | 160 x 80 x 42 mm |
| MAGNETIC FORCE | 1500 kg |
| MOTOR POWER | 1050 W |
| TOTAL POWER | 1100 W |
| SPEED | (I) 720 $min^{-1}$ |
| | (II) 1300 $min^{-1}$ |
| SPEED (load 1050 W) | (I) 315 $min^{-1}$ |
| | (II) 560 $min^{-1}$ |
| SPINDLE | 19,05 mm (¾") Weldon |
| AVAILABLE | 110 - 120 V AC / 50-60 Hz |
| | 220 - 240 V AC / 50-60 Hz |

### ORDER CODE:

ECO.40/2

### ACCESSORIES:

PAGE 48 - 63

### STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| KSP.Q | Lubrication system (new model) with Quick Connect hose | 50 |
| 020.0145 | Lubrication ring Quick Connect for KSP.Q | 50 |

### ADDITIONAL ACCESSORIES AVAILABLE

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| IBK.13 | Drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) | 52 |
| IBK.13Q | Keyless drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) | 52 |
| IBK.14 | Adapter 19,05 mm (¾") Weldon (outer) - ½" x 20 UNF (outer) | 53 |
| IBK.15 | Adapter (length 65 mm) ½" x 20 UNF (inner) - ½" x 20 UNF (outer) | 51 |
| IBQ.13 | Drill chuck Quick Change ø 1,5 - 13 mm with ½" x 20 UNF (inner) | 52 |
| 020.0116Q | Spindle ½" x 20 UNF - 19,05 mm (¾") Weldon Quick Connect | 50 |
| HCS.KIT | HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm<br>6-piece set including 1 pilot pin, sizes 2x ø 14 I 2x ø 18 I 2x ø 22 mm | 42 |
| HCS.KIT/10 | HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm<br>10-piece set including 1 pilot pin, sizes:<br>ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm | 42 |
| SSPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 30 mm<br>(Increasing by 1 mm increments) | 44 |
| SPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 55 mm<br>(Increasing by 1 mm increments) | 44 |
| TDS.100 | HSSE-Co (M35) 19-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| TDS.200 | HSSE-Co (M35) 25-piece Twist drill set (increasing by 0,5 mm increments) | 46 |

# ECO.50

MAGNETIC DRILLING MACHINE UP TO Ø 50 MM

**DOVETAIL SLIDE**
New Euroboor dovetail slide provides more stability during drilling.

**GRIP**
The renewed ergonomical grip makes the machine easy to handle.

If you wish to use maximum power without having to sacrifice mobility, the ECO.50 with Morse Taper 2 connection is definitely what you need. For years the ECO.50 has been the “benchmark” machine among users. At 15% extra capacity the ECO.50 outdistances competitors.

## ECO.50

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| ANNULAR CUTTERS | ø 12 - 50 mm |
| TWIST DRILLS | ø 1 - 23 mm |
| LENGTH | 320 mm |
| WIDTH | 210 mm |
| HEIGHT | 385 - 550 mm |
| STROKE | 170 mm |
| WEIGHT | 13,5 kg |
| MAGNET (L x W x H) | 170 x 85 x 48 mm |
| MAGNETIC FORCE | 1850 kg |
| MOTOR POWER | 1250 W |
| TOTAL POWER | 1375 W |
| SPEED (no load) | (I) 380 $min^{-1}$ |
| | (II) 690 $min^{-1}$ |
| SPEED (load 1200 W) | (I) 235 $min^{-1}$ |
| | (II) 425 $min^{-1}$ |
| SPINDLE | MT 2 - 19,05 mm (¾") Weldon |
| AVAILABLE | 110 - 120 V AC / 50-60 Hz |
| | 220 - 240 V AC / 50-60 Hz |

### ORDER CODE:

ECO.50

### ACCESSORIES:

PAGE 48 - 63

### STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| KSP.Q | Lubrication system (new model) with Quick Connect hose | 50 |
| IMC.20 | Morse Taper 2 - 19,05 mm (¾") Weldon including lubrication ring (KSP.Q) | 50 |

### ADDITIONAL ACCESSORIES AVAILABLE

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| IBK.16 | Drill chuck ø 1,5 - 16 mm with B16 spindle connection | 52 |
| IBQ.13 | Drill chuck Quick Change ø 1,5 - 13 mm with ½" x 20 UNF (inner) | 52 |
| IBQ.16 | Drill chuck Quick Change ø 1,5 - 16 mm with B16 spindle connection | 52 |
| B16-MC2 | Morse Taper 2 - B16 spindle connection | 52 |
| B18-MC2 | Morse Taper 2 - B18 spindle connection | 52 |
| 1/2UNF-MC2 | Morse Taper 2- Adapter 1/2" x 20 UNF | 52 |
| MCQ.20 | Morse Taper 2 - 19,05 mm Quick Connect, suitable for lubrication system KSP.Q - annular cutters max. ø 26 mm | 50 |
| HCS.KIT | HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm 6-piece set including 1 pilot pin, sizes 2x ø 14 I 2x ø 18 I 2x ø 22 mm | 42 |
| HCS.KIT/10 | HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm 10-piece set including 1 pilot pin, sizes: ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm | 42 |
| SSPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments) | 44 |
| SPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 55 mm (Increasing by 1 mm increments) | 44 |
| TDS.100 | HSSE-Co (M35) 19-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| TDS.200 | HSSE-Co (M35) 25-piece Twist drill set (increasing by 0,5 mm increments) | 46 |

# ECO.50-T

MAGNETIC DRILLING MACHINE UP TO Ø 50 MM / THREADING MACHINE UP TO M20

**DOVETAIL SLIDE**
New Euroboor dovetail slide provides more stability during drilling.

**GRIP**
The renewed ergonomical grip makes the machine easy to handle.

The ECO.50-T magnetic drilling/threading machine is most remarkable in the Euroboor program. This versatile all-rounder is lubricated using nanotechnology. This evidently helps to extend the life of the mechanical parts.

## ECO.50-T

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| ANNULAR CUTTERS | ø 12 - 50 mm |
| TWIST DRILLS | ø 1 - 23 mm |
| COUNTERSINKING | ø 10 - 40 mm |
| TAPPING | M3 - M20 |
| LENGTH | 320 mm |
| WIDTH | 210 mm |
| HEIGHT | 385 - 550 mm |
| STROKE | 170 mm |
| WEIGHT | 14 kg |
| MAGNET (L x W x H) | 170 x 85 x 48 mm |
| MAGNETIC FORCE | 1850 kg |
| MOTOR POWER | 1250 W |
| TOTAL POWER | 1375 W |
| SPEED (no load) | (I) 100 - 280 $min^{-1}$ |
| | (II) 185 - 530 $min^{-1}$ |
| SPEED (load 1200 W) | (I) 250 $min^{-1}$ |
| | (II) 460 $min^{-1}$ |
| SPINDLE | MT 2 - 19,05 mm (¾") Weldon |
| AVAILABLE | 110 - 120 V AC / 50-60 Hz |
| | 220 - 240 V AC / 50-60 Hz |

### ORDER CODE:

ECO.50-T

### ACCESSORIES:

PAGE 48 - 63

### STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| KSP.Q | Lubrication system (new model) with Quick Connect hose | 50 |
| IMC.20 | Morse Taper 2 - 19,05 mm (¾") Weldon including lubrication ring (KSP.Q) | 50 |
| TCM.10-20 | Tap collets M10-M20 | 63 |

### ADDITIONAL ACCESSORIES AVAILABLE

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| IBK.16 | Drill chuck ø 1,5 - 16 mm with B16 spindle connection | 52 |
| IBQ.13 | Drill chuck Quick Change ø 1,5 - 13 mm with ½" x 20 UNF (inner) | 52 |
| IBQ.16 | Drill chuck Quick Change ø 1,5 - 16 mm with B16 spindle connection | 52 |
| B16-MC2 | Morse Taper 2 - B16 spindle connection | 52 |
| B18-MC2 | Morse Taper 2 - B18 spindle connection | 52 |
| 1/2UNF-MC2 | Morse Taper 2- Adapter 1/2" x 20 UNF | 52 |
| MCQ.20 | Morse Taper 2 - 19,05 mm Quick Connect, suitable for lubrication system KSP.Q - annular cutters max. ø 26 mm | 50 |
| HCS.KIT | HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm 6-piece set including 1 pilot pin, sizes 2x ø 14 I 2x ø 18 I 2x ø 22 mm | 42 |
| HCS.KIT/10 | HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm 10-piece set including 1 pilot pin, sizes: ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm | 42 |
| SSPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments) | 44 |
| SPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 55 mm (Increasing by 1 mm increments) | 44 |
| TDS.100 | HSSE-Co (M35) 19-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| TDS.200 | HSSE-Co (M35) 25-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| Taps | Machine taps M3 - M20 | 60 |

# ECO.80/4

MAGNETIC DRILLING MACHINE UP TO Ø 80 MM

The ECO.80/4 is a solid bruiser with Morse Taper 3 connection. Thanks to the 4-speed gear box this no-nonsense magnetic drilling machine is perfect for challenging twist drilling up to ø 31,75mm.

## ECO.80/4

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| ANNULAR CUTTERS | ø 12 - 80 mm |
| TWIST DRILLS | ø 1 - 31,75 mm |
| LENGTH | 365 mm |
| WIDTH | 310 mm |
| HEIGHT | 510 - 710 mm |
| STROKE | 260 mm |
| WEIGHT | 28 kg |
| MAGNET (L x W x H) | 220 x 110 x 64 mm |
| MAGNETIC FORCE | 3000 kg |
| MOTOR POWER | 1700 W |
| TOTAL POWER | 1800 W |
| SPEED (no load) | (I) 200 $min^{-1}$ |
| | (II) 320 $min^{-1}$ |
| | (III) 415 $min^{-1}$ |
| | (IV) 650 $min^{-1}$ |
| SPEED (load 1700 W) | (I) 150 $min^{-1}$ |
| | (II) 200 $min^{-1}$ |
| | (III) 275 $min^{-1}$ |
| | (IV) 400 $min^{-1}$ |
| SPINDLE | MT 3 - 19,05 mm (¾") Weldon |
| AVAILABLE | 110 - 120 V AC / 50-60 Hz |
| | 220 - 240 V AC / 50-60 Hz |

### ORDER CODE:

ECO.80/4

### ACCESSORIES:

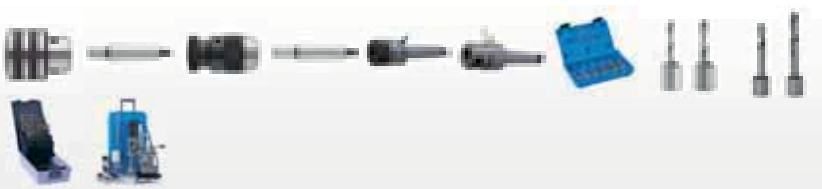
PAGE 48 - 63

### STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| KSP.Q | Lubrication system (new model) with Quick Connect hose | 50 |
| IMC.30/19-N | Morse Taper 3 - 19,05 mm Weldon connection suitable for lubrication system KSP.Q | 50 |

### ADDITIONAL ACCESSORIES AVAILABLE

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| IBQ.13 | Drill chuck Quick Change ø 1,5 - 13 mm with ½" x 20 UNF (inner) | 52 |
| IBQ.16 | Drill chuck Quick Change ø 1,5 - 16 mm with B16 spindle connection | 52 |
| B16-MC3 | Morse Taper 3 - B16 spindle connection | 52 |
| B18-MC3 | Morse Taper 3 - B18 spindle connection | 52 |
| MCQ.30 | Morse Taper 3 - 19,05 mm Quick Connect, suitable for lubrication system KSP.Q - annular cutters max. ø 26 mm | 50 |
| IMC.30/32-N | Morse Taper 3 - 31,75 mm Weldon suitable for lubrication system KSP.Q (for cutters ø 61 - 100mm) | 50 |
| HCS.KIT | HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm 6-piece set including 1 pilot pin, sizes 2x ø 14 I 2x ø 18 I 2x ø 22 mm | 42 |
| HCS.KIT/10 | HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm 10-piece set including 1 pilot pin, sizes: ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm | 42 |
| SSPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments) | 44 |
| SPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 55 mm (Increasing by 1 mm increments) | 44 |
| TDS.100 | HSSE-Co (M35) 19-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| TDS.200 | HSSE-Co (M35) 25-piece Twist drill set (increasing by 0,5 mm increments) | 46 |



# ECO.100/4

MAGNETIC DRILLING MACHINE UP TO Ø 100 MM / THREADING M30

Our showpiece has been provided with every option you may think of: an unprecedentedly powerful motor, state-of-the-art electrically and mechanically adjustable torque and rotational speed settings. The ECO.100/4 not only has a new 4-speed gear box, the carry case too has been ergonomically improved and changed into a trolley.

## ECO.100/4

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| ANNULAR CUTTERS | ø 12 - 100 mm |
| | ø 61 - 100 mm (MC3/32) |
| TWIST DRILLS | ø 1- 31,75 mm |
| COUNTERSINKING | ø 10 - 50 mm |
| THREADING | M3 - M30 |
| LENGTH | 365 mm |
| WIDTH | 310 mm |
| HEIGHT | 510 - 710 mm |
| STROKE | 260 mm |
| WEIGHT | 28 kg |
| MAGNET (L x W x H) | 220 x 110 x 64 mm |
| MAGNETIC FORCE | 3000 kg |
| MOTOR POWER | 1900 W |
| TOTAL POWER | 2050 W |
| SPEED (no load) | (I) 42 - 110 $min^{-1}$ |
| | (II) 65 - 190 $min^{-1}$ |
| | (III) 140 - 400 $min^{-1}$ |
| | (IV) 220 - 620 $min^{-1}$ |
| SPEED (load 1900 W) | (I) 85 $min^{-1}$ |
| | (II) 152 $min^{-1}$ |
| | (III) 270 $min^{-1}$ |
| | (IV) 480 $min^{-1}$ |
| SPINDLE | MT 3 - 19,05 mm (¾") Weldon |
| AVAILABLE | 110 - 120 V AC / 50-60 Hz |
| | 220 - 240 V AC / 50-60 Hz |

### ORDER CODE:

ECO.100/4

### ACCESSORIES:

PAGE 48 - 63

### STANDARD DELIVERY

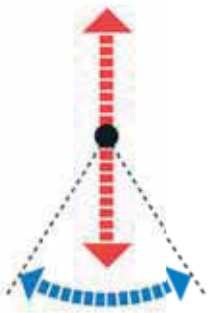
| ORDER CODE | DESCRIPTION | PAGES |
|---|---|---|
| KSP.Q | Lubrication system (new model) with Quick Connect hose | 50 |
| IMC.30/19-N | Morse Taper 3 - 19,05 mm Weldon connection suitable for lubrication system KSP.Q | 50 |

### ADDITIONAL ACCESSORIES AVAILABLE

| ORDER CODE | DESCRIPTION | PAGES |
|---|---|---|
| IBQ.13 | Drill chuck Quick Change ø 1,5 - 13 mm with ½" x 20 UNF (inner) | 52 |
| IBQ.16 | Drill chuck Quick Change ø 1,5 - 16 mm with B16 spindle connection | 52 |
| B16-MC3 | Morse Taper 3 - B16 spindle connection | 52 |
| B18-MC3 | Morse Taper 3 - B18 spindle connection | 52 |
| MCQ.30 | Morse Taper 3 - 19,05 mm Quick Connect, suitable for lubrication system KSP.Q - annular cutters max. ø 26 mm | 50 |
| IMC.30/32-N | Morse Taper 3 - 31,75 mm Weldon suitable for lubrication system KSP.Q (for cutters ø 61 - 100mm) | 50 |
| HCS.KIT | HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm 6-piece set including 1 pilot pin, sizes 2x ø 14 I 2x ø 18 I 2x ø 22 mm | 42 |
| HCS.KIT/10 | HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm 10-piece set including 1 pilot pin, sizes: ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm | 42 |
| SSPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments) | 44 |
| SPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 55 mm (Increasing by 1 mm increments) | 44 |
| TDS.100 | HSSE-Co (M35) 19-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| TDS.200 | HSSE-Co (M35) 25-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| Taps | Machine taps M3 - M30 | 60 |
| GSW.512R | MT 2/3 Tapping chuck M5 -M12 reversible including rubber tap collets | 62 |

# ECO.100/4 D

MAGNETIC DRILLING / THREADING MACHINE UP TO Ø 100 MM / M30 - SWIVEL BASE



rotate 30° both ways and slide 15-20 mm forward and backwards.

Next to the unprecedentedly powerful motor, state-of-the-art electrical and mechanically adjustable torque and speed settings, the new 4-speed gear box ECO.100/4 D has a swivel base.
This means that the magnet is able to rotate 30° both ways and slide 15 - 20 mm forward and backwards.

## ECO.100/4 D

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| ANNULAR CUTTERS | ø 12 - 100 mm |
| | ø 61 - 100 mm (MC3/32) |
| TWIST DRILLS | ø 1- 31,75 mm |
| COUNTERSINKING | ø 10 - 50 mm |
| THREADING | M3 - M30 |
| LENGTH | 365 mm |
| WIDTH | 310 mm |
| HEIGHT | 515 - 715 mm |
| STROKE | 260 mm |
| WEIGHT | 28 kg |
| MAGNET (L x W x H) | 220 x 110 x 64 mm |
| MAGNETIC FORCE | 3000 kg |
| MOTOR POWER | 1900 W |
| TOTAL POWER | 2050 W |
| SPEED (no load) | (I) 42 - 110 $min^{-1}$ |
| | (II) 65 - 190 $min^{-1}$ |
| | (III) 140 - 400 $min^{-1}$ |
| | (IV) 220 - 620 $min^{-1}$ |
| SPEED (load 1900 W) | (I) 85 $min^{-1}$ |
| | (II) 152 $min^{-1}$ |
| | (III) 270 $min^{-1}$ |
| | (IV) 480 $min^{-1}$ |
| SPINDLE | MT 3 - 19,05 mm (¾") Weldon |
| AVAILABLE | 110 - 120 V AC / 50-60 Hz |
| | 220 - 240 V AC / 50-60 Hz |

### ORDER CODE:

ECO.100/4 D

### ACCESSORIES:

PAGE 48 - 63

### STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGES |
|---|---|---|
| KSP.Q | Lubrication system (new model) with Quick Connect hose | 50 |
| IMC.30/19-N | Morse Taper 3 - 19,05 mm Weldon connection suitable for lubrication system KSP.Q | 50 |

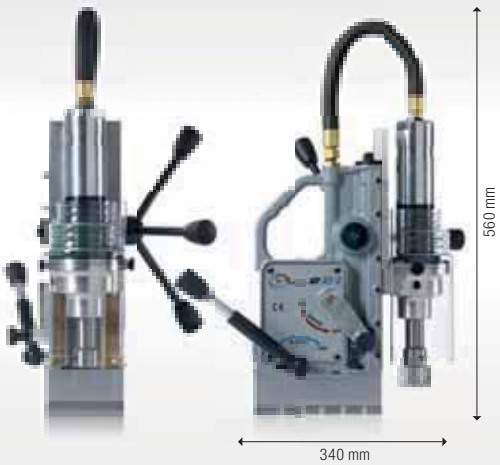
### ADDITIONAL ACCESSORIES AVAILABLE

| ORDER CODE | DESCRIPTION | PAGES |
|---|---|---|
| IBQ.13 | Drill chuck Quick Change ø 1,5 - 13 mm with ½" x 20 UNF (inner) | 52 |
| IBQ.16 | Drill chuck Quick Change ø 1,5 - 16 mm with B16 spindle connection | 52 |
| B16-MC3 | Morse Taper 3 - B16 spindle connection | 52 |
| B18-MC3 | Morse Taper 3 - B18 spindle connection | 52 |
| MCQ.30 | Morse Taper 3 - 19,05 mm Quick Connect, suitable for lubrication system KSP.Q - annular cutters max. ø 26 mm | 50 |
| IMC.30/32-N | Morse Taper 3 - 31,75 mm Weldon suitable for lubrication system KSP.Q (for cutters ø 61 - 100mm) | 50 |
| HCS.KIT | HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm 6-piece set including 1 pilot pin, sizes 2x ø 14 I 2x ø 18 I 2x ø 22 mm | 42 |
| HCS.KIT/10 | HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm 10-piece set including 1 pilot pin, sizes: ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm | 42 |
| SSPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments) | 44 |
| SPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 55 mm (Increasing by 1 mm increments) | 44 |
| TDS.100 | HSSE-Co (M35) 19-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| TDS.200 | HSSE-Co (M35) 25-piece Twist drill set (increasing by 0,5 mm increments) | 46 |
| Taps | Machine taps M3 - M30 | 60 |
| GSW.512R | MT 2/3 Tapping chuck M5 -M12 reversible including rubber tap collets | 62 |

# AIR.52/3

PNEUMATIC DRILLING MACHINE UP TO Ø 52 MM

The Air.52/3 is designed for metal working in hazardous areas such as the offshore and petrochemical industry, oil and gas extraction industry, power stations and the ship building and marine industry.



## AIR.52/3

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| ANNULAR CUTTERS | ø 12 - 52 mm |
| LENGTH | 340 mm |
| WIDTH | 250 mm |
| HEIGTH | 560 mm |
| STROKE | 120 mm |
| WEIGHT | 13 kg |
| MAGNET (L X W) | 220 x 75 mm |
| MAGNETIC FORCE | 1000 kg |
| SPEED | 400 $min^{-1}$ |
| SPINDLE | 19,05 mm (¾") Weldon |
| AIR CONSUMPTION | 0,9 $m^3$/min |
| MIN.WORK. PRESSURE | 6,3 bar (90 PSI) |

### ORDER CODE:

AIR.52/3

### ACCESSORIES:

PAGE 48 - 63

### STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| A52.0001 | Safety guard | |

### ADDITIONAL ACCESSORIES AVAILABLE

| DESCRIPTION | PAGE | |
|---|---|---|
| IBK.13 | Drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) | 52 |
| IBK.13Q | Keyless drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) | 52 |
| IBK.14 | Adapter 19,05 mm (¾") Weldon (outer) - ½" x 20 UNF (outer) | 53 |
| HCS.KIT | HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm<br>6-piece set including 1 pilot pin, sizes 2x ø 14 I 2x ø 18 I 2x ø 22 mm | 42 |
| HCS.KIT/10 | HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm<br>10-piece set including 1 pilot pin, sizes:<br>ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm | 42 |
| SSPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 30 mm<br>(Increasing by 1 mm increments) | 44 |
| SPI.06-14 | HSS Twist drills with 19,05 mm Weldon shank I ø 6 - 14 mm x 55 mm<br>(Increasing by 1 mm increments) | 44 |
| TDS.100 | HSSE-Co (M35) 19-piece Twist drill set (increasing by 0,5 mm increments) | 46 |

### FEATURES:

- Air-powered motor system
- Automatic cooling system
- SAFE permanent magnet system
- Spark-free therefore explosion-proof
- Anti-static construction
- Weighs only 13 kg
- Safety interlock
- Reduced noise

# EUROBOOR CATALOG

# Annular Cutters

## HSS, HSS-Cobalt and TCT

Quality and safety have been the top priority at Euroboor for years. This is particularly the case when it comes to the production of Annular Cutters. Using superior-quality raw material, Euroboor Annular Cutters are manufactured of certified HSS steel. The production process is handled by high-tech CNC machines.

Control checks are conducted at the end of every production stage. The end product finally reaches the end control stage where standards are higher, as quality is only approved when it is consistent.

HSS steel does not become an Annular Cutter easily, especially not a Euroboor Annular Cutter. There is a whole world of difference. To obtain the maximum advantage from your magnetic drilling machine, you will naturally use Euroboor Annular Cutters. They offer the quickest drilling time, combined with a very long lifespan.

**Range of Annular Cutters**

At Euroboor you may choose from the largest selection of Annular Cutters, in both size and material as well as in metric and imperial sizes. For you may choose from HSS , HSS Cobalt alloy, TCT and recently, HSS Annular Cutters with a 19,05 mm universal shank (Nitto/Weldon).

In this section of the Euroboor catalog you will find more information about Euroboor Annular Cutters.

**Features:**

- Perfect stable start
- Conical surface inside
- Precise center pilot fitting
- Ground clamp surface
- Faster, because every tooth cuts
- More accurate
- Greater drill depth
- Stronger, therefore less fragile
- Guaranteed slug ejection

# HSS Annular Cutters

## HSS ANNULAR CUTTERS – DEPTH OF CUT 30 MM

### EUROBOOR HSS ANNULAR CUTTERS WITH 19,05 MM WELDON SHANK - DOC 30 MM

| Ø MM | ORDER CODE |
|---|---|
| 12 | HCS.120 |
| 13 | HCS.130 |
| 13,5 | HCS.135 |
| 14 | HCS.140 |
| 15 | HCS.150 |
| 15,5 | HCS.155 |
| 16 | HCS.160 |
| 17 | HCS.170 |
| 17,5 | HCS.175 |
| 18 | HCS.180 |
| 19 | HCS.190 |
| 19,5 | HCS.195 |
| 20 | HCS.200 |
| 21 | HCS.210 |
| 21,5 | HCS.215 |
| 22 | HCS.220 |
| 23 | HCS.230 |
| 24 | HCS.240 |
| 25 | HCS.250 |
| 26 | HCS.260 |
| 26,5 | HCS.265 |
| 27 | HCS.270 |
| 28 | HCS.280 |
| 29 | HCS.290 |
| 30 | HCS.300 |
| 31 | HCS.310 |
| 32 | HCS.320 |
| 33 | HCS.330 |
| 34 | HCS.340 |
| 35 | HCS.350 |
| 36 | HCS.360 |
| 37 | HCS.370 |
| 38 | HCS.380 |
| 39 | HCS.390 |
| 40 | HCS.400 |
| 41 | HCS.410 |
| 42 | HCS.420 |
| 43 | HCS.430 |
| 44 | HCS.440 |
| 45 | HCS.450 |
| 46 | HCS.460 |
| 47 | HCS.470 |
| 48 | HCS.480 |
| 49 | HCS.490 |
| 50 | HCS.500 |
| 51 | HCS.510 |
| 52 | HCS.520 |
| 53 | HCS.530 |
| 54 | HCS.540 |
| 55 | HCS.550 |
| 56 | HCS.560 |
| 57 | HCS.570 |
| 58 | HCS.580 |
| 59 | HCS.590 |
| 60 | HCS.600 |

### EUROBOOR HSS ANNULAR CUTTERS WITH 31,75 MM WELDON SHANK - DOC 30 MM

| Ø MM | ORDER CODE |
|---|---|
| 61 | HCS.610 |
| 62 | HCS.620 |
| 63 | HCS.630 |
| 64 | HCS.640 |
| 65 | HCS.650 |
| 66 | HCS.660 |
| 67 | HCS.670 |
| 68 | HCS.680 |
| 69 | HCS.690 |
| 70 | HCS.700 |
| 71 | HCS.710 |
| 72 | HCS.720 |
| 73 | HCS.730 |
| 74 | HCS.740 |
| 75 | HCS.750 |
| 76 | HCS.760 |
| 77 | HCS.770 |
| 78 | HCS.780 |
| 79 | HCS.790 |
| 80 | HCS.800 |
| 81 | HCS.810 |
| 82 | HCS.820 |
| 83 | HCS.830 |
| 84 | HCS.840 |
| 85 | HCS.850 |
| 86 | HCS.860 |
| 87 | HCS.870 |
| 88 | HCS.880 |
| 89 | HCS.890 |
| 90 | HCS.900 |
| 91 | HCS.910 |
| 92 | HCS.920 |
| 93 | HCS.930 |
| 94 | HCS.940 |
| 95 | HCS.950 |
| 96 | HCS.960 |
| 97 | HCS.970 |
| 98 | HCS.980 |
| 99 | HCS.990 |
| 100 | HCS.1000 |

### HSS ANNULAR CUTTERS

Euroboor Annular Cutters are manufactured using superior-quality raw material. The cutters are appreciated worldwide for their optimum performance, durability and longer functional life.

Being corrosion resistant, durable and non-abrasive, Euroboor Annular Cutters are widely used in the construction, oil and shipping industry as well as in different other industries.

Annular cutting

Cutting metal with Euroboor Annular Cutters is an efficient way to create holes of ø12 mm (7/16") up to 130 mm (5") diameter. They come in cutting depths (DoC) 30 mm(1"), 55 mm (2"), 75 mm (3") and 110 (4") mm.

### ACCESSORIES – PILOT PINS

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.70 | 77 mm | 6,35 mm | HCS ø 12 - 60 mm | 43 |
| IBC.80 | 103 mm | 8 mm | HCS ø 61 - 100 mm | 43 |

# HSS Annular Cutters

## HSS ANNULAR CUTTERS – DEPTH OF CUT 55 MM

### HSS ANNULAR CUTTERS

Multiple cutting teeth cut only the material around the periphery of the hole, leaving a solid metal slug. In fact, the wall thickness of the cutter is approximately 6 mm (1/4"), meaning that no matter what size hole you are cutting, you are only removing a minimum amount of material around the edge of the hole.

Because the cutting surface of annular cutters is spread out over multiple cutting teeth, they remain sharper for a longer period of time and can create 5 to 10 times more holes than traditional twist drills. Hole cutting with Annular Cutters requires no pre-drilling or step drilling. Holes are smooth and burr-free. No reaming is required.

### EUROBOOR HSS ANNULAR CUTTERS WITH 19,05 MM WELDON SHANK - DOC 55 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 12 | HCL.120 | 35 | HCL.350 |
| 13 | HCL.130 | 36 | HCL.360 |
| 13,5 | HCL.135 | 37 | HCL.370 |
| 14 | HCL.140 | 38 | HCL.380 |
| 15 | HCL.150 | 39 | HCL.390 |
| 15,5 | HCL.155 | 40 | HCL.400 |
| 16 | HCL.160 | 41 | HCL.410 |
| 17 | HCL.170 | 42 | HCL.420 |
| 17,5 | HCL.175 | 43 | HCL.430 |
| 18 | HCL.180 | 44 | HCL.440 |
| 19 | HCL.190 | 45 | HCL.450 |
| 19,5 | HCL.195 | 46 | HCL.460 |
| 20 | HCL.200 | 47 | HCL.470 |
| 21 | HCL.210 | 48 | HCL.480 |
| 21,5 | HCL.215 | 49 | HCL.490 |
| 22 | HCL.220 | 50 | HCL.500 |
| 23 | HCL.230 | 51 | HCL.510 |
| 24 | HCL.240 | 52 | HCL.520 |
| 25 | HCL.250 | 53 | HCL.530 |
| 26 | HCL.260 | 54 | HCL.540 |
| 26,5 | HCL.265 | 55 | HCL.550 |
| 27 | HCL.270 | 56 | HCL.560 |
| 28 | HCL.280 | 57 | HCL.570 |
| 29 | HCL.290 | 58 | HCL.580 |
| 30 | HCL.300 | 59 | HCL.590 |
| 31 | HCL.310 | 60 | HCL.600 |
| 32 | HCL.320 | | |
| 33 | HCL.330 | | |
| 34 | HCL.340 | | |

### EUROBOOR HSS ANNULAR CUTTERS WITH 31,75 MM WELDON SHANK - DOC 55 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 61 | HCL.610 | 90 | HCL.900 |
| 62 | HCL.620 | 91 | HCL.910 |
| 63 | HCL.630 | 92 | HCL.920 |
| 64 | HCL.640 | 93 | HCL.930 |
| 65 | HCL.650 | 94 | HCL.940 |
| 66 | HCL.660 | 95 | HCL.950 |
| 67 | HCL.670 | 96 | HCL.960 |
| 68 | HCL.680 | 97 | HCL.970 |
| 69 | HCL.690 | 98 | HCL.980 |
| 70 | HCL.700 | 99 | HCL.990 |
| 71 | HCL.710 | 100 | HCL.1000 |
| 72 | HCL.720 | 105 | HCL.1050 |
| 73 | HCL.730 | 110 | HCL.1100 |
| 74 | HCL.740 | 115 | HCL.1150 |
| 75 | HCL.750 | 120 | HCL.1200 |
| 76 | HCL.760 | 125 | HCL.1250 |
| 77 | HCL.770 | 130 | HCL.1300 |
| 78 | HCL.780 | | |
| 79 | HCL.790 | | |
| 80 | HCL.800 | | |
| 81 | HCL.810 | | |
| 82 | HCL.820 | | |
| 83 | HCL.830 | | |
| 84 | HCL.840 | | |
| 85 | HCL.850 | | |
| 86 | HCL.860 | | |
| 87 | HCL.870 | | |
| 88 | HCL.880 | | |
| 89 | HCL.890 | | |

### ACCESSORIES – PILOT PINS

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.90 | 102 mm | 6,35 mm | HCL ø 12 - 60 mm | 43 |
| IBC.100 | 123 mm | 8 mm | HCL ø 61 - 130 mm | 43 |

# HSS Annular Cutters

## HSS ANNULAR CUTTERS – DEPTH OF CUT 75 MM

**EUROBOOR HSS ANNULAR CUTTERS WITH 19,05 MM WELDON SHANK - DOC 75 MM**

| Ø MM | ORDER CODE |
|---|---|
| 14 | HCY.140 |
| 15 | HCY.150 |
| 16 | HCY.160 |
| 17 | HCY.170 |
| 18 | HCY.180 |
| 19 | HCY.190 |
| 20 | HCY.200 |
| 21 | HCY.210 |
| 22 | HCY.220 |
| 23 | HCY.230 |
| 24 | HCY.240 |
| 25 | HCY.250 |
| 26 | HCY.260 |
| 27 | HCY.270 |
| 28 | HCY.280 |
| 29 | HCY.290 |
| 30 | HCY.300 |
| 31 | HCY.310 |
| 32 | HCY.320 |
| 33 | HCY.330 |
| 34 | HCY.340 |
| 35 | HCY.350 |
| 36 | HCY.360 |
| 37 | HCY.370 |
| 38 | HCY.380 |
| 39 | HCY.390 |
| 40 | HCY.400 |

| Ø MM | ORDER CODE |
|---|---|
| 41 | HCY.410 |
| 42 | HCY.420 |
| 43 | HCY.430 |
| 44 | HCY.440 |
| 45 | HCY.450 |
| 46 | HCY.460 |
| 47 | HCY.470 |
| 48 | HCY.480 |
| 49 | HCY.490 |
| 50 | HCY.500 |

**ACCESSORIES - PILOT PINS**

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.K25 | 127 mm | 6,35 mm | HCY ø 14 - 50 mm | 43 |

**HSS ANNULAR CUTTERS**

HSS Annular Cutters, with unique geometry type and random-space tips, provide clearly cutting, fast feed rate, less vibration, smooth hole surface and long tool life, highly effective for drilling. They are better and quicker than twist drills.

HSS Annular Cutters can be used on all kinds of magnetic drilling machines. They can be widely used in drilling steel, copper, aluminum, stainless steel and plastic, in either plate or pipe form.

The HSS Annular Cutters have gained huge popularity in the market. The entire range is available in various specifications that can be customized as per clients' requirements.

# HSS Annular Cutters

## HSS ANNULAR CUTTERS - DEPTH OF CUT 100 MM

### HSS ANNULAR CUTTERS

The Annular Cutter drills the hole in 3 steps:

1. The pilot pin accurately centers the cutter over the area to be drilled.
2. When drilling, the pilot pin retracts and allows the internal lubrication to reach the cutting teeth.
3. When the hole is complete, the slug is automatically ejected from the cutter, leaving an accurate, finished hole.

### EUROBOOR HSS ANNULAR CUTTERS WITH 19,05 MM WELDON SHANK - DOC 100 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 18 | HCX.180 | 41 | HCX.410 |
| 19 | HCX.190 | 42 | HCX.420 |
| 20 | HCX.200 | 43 | HCX.430 |
| 21 | HCX.210 | 44 | HCX.440 |
| 22 | HCX.220 | 45 | HCX.450 |
| 23 | HCX.230 | 46 | HCX.460 |
| 24 | HCX.240 | 47 | HCX.470 |
| 25 | HCX.250 | 48 | HCX.480 |
| 26 | HCX.260 | 49 | HCX.490 |
| 27 | HCX.270 | 50 | HCX.500 |
| 28 | HCX.280 | 51 | HCX.510 |
| 29 | HCX.290 | 52 | HCX.520 |
| 30 | HCX.300 | 53 | HCX.530 |
| 31 | HCX.310 | 54 | HCX.540 |
| 32 | HCX.320 | 55 | HCX.550 |
| 33 | HCX.330 | 56 | HCX.560 |
| 34 | HCX.340 | 57 | HCX.570 |
| 35 | HCX.350 | 58 | HCX.580 |
| 36 | HCX.360 | 59 | HCX.590 |
| 37 | HCX.370 | 60 | HCX.600 |
| 38 | HCX.380 | | |
| 39 | HCX.390 | | |
| 40 | HCX.400 | | |

### EUROBOOR HSS ANNULAR CUTTERS WITH 31,75 MM WELDON SHANK - DOC 100 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 61 | HCX.610 | 90 | HCX.900 |
| 62 | HCX.620 | 91 | HCX.910 |
| 63 | HCX.630 | 92 | HCX.920 |
| 64 | HCX.640 | 93 | HCX.930 |
| 65 | HCX.650 | 94 | HCX.940 |
| 66 | HCX.660 | 95 | HCX.950 |
| 67 | HCX.670 | 96 | HCX.960 |
| 68 | HCX.680 | 97 | HCX.970 |
| 69 | HCX.690 | 98 | HCX.980 |
| 70 | HCX.700 | 99 | HCX.990 |
| 71 | HCX.710 | 100 | HCX.1000 |
| 72 | HCX.720 | | |
| 73 | HCX.730 | | |
| 74 | HCX.740 | | |
| 75 | HCX.750 | | |
| 76 | HCX.760 | | |
| 77 | HCX.770 | | |
| 78 | HCX.780 | | |
| 79 | HCX.790 | | |
| 80 | HCX.800 | | |
| 81 | HCX.810 | | |
| 82 | HCX.820 | | |
| 83 | HCX.830 | | |
| 84 | HCX.840 | | |
| 85 | HCX.850 | | |
| 86 | HCX.860 | | |
| 87 | HCX.870 | | |
| 88 | HCX.880 | | |
| 89 | HCX.890 | | |

### ACCESSORIES - PILOT PINS

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.K50 | 155 mm | 6,35 mm | HCX ø 18 - 60 mm | 43 |
| IBC.130 | 162 mm | 8 mm | HCX ø 61 - 100 mm | 43 |

# HSS Annular Cutters

## HSS ANNULAR CUTTER UNIVERSAL SHANK (NITTO/WELDON) - DOC 30 MM
## HSS ANNULAR CUTTER UNIVERSAL SHANK (NITTO/WELDON) - DOC 55 MM

### EUROBOOR HSS ANNULAR CUTTER UNIVERSAL SHANK (NITTO/WELDON) – DOC 30 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 12 | HCSU.120 | 41 | HCSU.410 |
| 13 | HCSU.130 | 42 | HCSU.420 |
| 14 | HCSU.140 | 43 | HCSU.430 |
| 15 | HCSU.150 | 44 | HCSU.440 |
| 16 | HCSU.160 | 45 | HCSU.450 |
| 17 | HCSU.170 | 46 | HCSU.460 |
| 18 | HCSU.180 | 47 | HCSU.470 |
| 19 | HCSU.190 | 48 | HCSU.480 |
| 20 | HCSU.200 | 49 | HCSU.490 |
| 21 | HCSU.210 | 50 | HCSU.500 |
| 22 | HCSU.220 | 51 | HCSU.510 |
| 23 | HCSU.230 | 52 | HCSU.520 |
| 24 | HCSU.240 | 53 | HCSU.530 |
| 25 | HCSU.250 | 54 | HCSU.540 |
| 26 | HCSU.260 | 55 | HCSU.550 |
| 27 | HCSU.270 | 56 | HCSU.560 |
| 28 | HCSU.280 | 57 | HCSU.570 |
| 29 | HCSU.290 | 58 | HCSU.580 |
| 30 | HCSU.300 | 59 | HCSU.590 |
| 31 | HCSU.310 | 60 | HCSU.600 |
| 32 | HCSU.320 | 61 | HCSU.610 |
| 33 | HCSU.330 | 62 | HCSU.620 |
| 34 | HCSU.340 | 63 | HCSU.630 |
| 35 | HCSU.350 | 64 | HCSU.640 |
| 36 | HCSU.360 | 65 | HCSU.650 |
| 37 | HCSU.370 | | |
| 38 | HCSU.380 | | |
| 39 | HCSU.390 | | |
| 40 | HCSU.400 | | |

### EUROBOOR HSS ANNULAR CUTTER UNIVERSAL SHANK (NITTO/WELDON) – DOC 55 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 12 | HCLU.120 | 41 | HCLU.410 |
| 13 | HCLU.130 | 42 | HCLU.420 |
| 14 | HCLU.140 | 43 | HCLU.430 |
| 15 | HCLU.150 | 44 | HCLU.440 |
| 16 | HCLU.160 | 45 | HCLU.450 |
| 17 | HCLU.170 | 46 | HCLU.460 |
| 18 | HCLU.180 | 47 | HCLU.470 |
| 19 | HCLU.190 | 48 | HCLU.480 |
| 20 | HCLU.200 | 49 | HCLU.490 |
| 21 | HCLU.210 | 50 | HCLU.500 |
| 22 | HCLU.220 | 51 | HCLU.510 |
| 23 | HCLU.230 | 52 | HCLU.520 |
| 24 | HCLU.240 | 53 | HCLU.530 |
| 25 | HCLU.250 | 54 | HCLU.540 |
| 26 | HCLU.260 | 55 | HCLU.550 |
| 27 | HCLU.270 | 56 | HCLU.560 |
| 28 | HCLU.280 | 57 | HCLU.570 |
| 29 | HCLU.290 | 58 | HCLU.580 |
| 30 | HCLU.300 | 59 | HCLU.590 |
| 31 | HCLU.310 | 60 | HCLU.600 |
| 32 | HCLU.320 | 61 | HCLU.610 |
| 33 | HCLU.330 | 62 | HCLU.620 |
| 34 | HCLU.340 | 63 | HCLU.630 |
| 35 | HCLU.350 | 64 | HCLU.640 |
| 36 | HCLU.360 | 65 | HCLU.650 |
| 37 | HCLU.370 | | |
| 38 | HCLU.380 | | |
| 39 | HCLU.390 | | |
| 40 | HCLU.400 | | |

### HSS ANNULAR CUTTERS

Multiple cutting teeth cut only the material around the periphery of the hole, leaving a solid metal slug. In fact, the wall thickness of the cutter is approximately 1/4", meaning that no matter what size hole you are cutting, you are only removing a minimum amount of material around the edge of the hole.

Because the cutting surface of annular cutters is spread out over multiple cutting teeth, they remain sharper for a longer period of time and can create 5 to 10 times more holes than traditional twist drills. Hole cutting with Annular Cutters requires no pre-drilling or step drilling. Holes are smooth and burr-free. No reaming is required.

### ACCESSORIES – PILOT PINS

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.70 | 77 mm | 6,35 mm | HCSU ø 12 - 60 mm | 43 |
| IBC.80 | 103 mm | 8 mm | HCSU ø 61 - 65 mm | 43 |
| IBC.90 | 102 mm | 6,35 mm | HCLU ø 12 - 60 mm | 43 |
| IBC.100 | 123 mm | 8 mm | HCLU ø 61 - 65 mm | 43 |

EUROBOOR
FOR PROFESSIONALS BY PROFESSIONALS

# HSS Annular Cutters (Imperial)

HSS ANNULAR CUTTER WELDON SHANK - DOC 30 MM
HSS ANNULAR CUTTER WELDON SHANK - DOC 55 MM

## HSS ANNULAR CUTTERS

Multiple cutting teeth cut only the material around the periphery of the hole, leaving a solid metal slug. In fact, the wall thickness of the cutter is approximately 1/4", meaning that no matter what size hole you are cutting, you are only removing a minimum amount of material around the edge of the hole.

Because the cutting surface of annular cutters is spread out over multiple cutting teeth, they remain sharper for a longer period of time and can create 5 to 10 times more holes than traditional twist drills. Hole cutting with Annular Cutters requires no pre-drilling or step drilling. Holes are smooth and burr-free. No reaming is required.

## EUROBOOR HSS ANNULAR CUTTERS
3/4" AND 1-1/4" WELDON SHANK - DOC 30 MM

| Ø | ORDER CODE | Ø | ORDER CODE |
|---|---|---|---|
| 7/16" | HCS.7/16" | 2-1/4" | HCS.2-1/4" |
| 1/2" | HCS.1/2" | 2-5/16" | HCS.2-5/16" |
| 9/16" | HCS.9/16" | 2-3/8" | HCS.2-3/8" |
| 5/8" | HCS.5/8" | 2-7/16" | HCS.2-7/16" |
| 11/16" | HCS.11/16" | 2-1/2" | HCS.2-1/2" |
| 3/4" | HCS.3/4" | 2-9/16" | HCS.2-9/16" |
| 13/16" | HCS.13/16" | 2-5/8" | HCS.2-5/8" |
| 7/8" | HCS.7/8" | 2-11/16" | HCS.2-1/16" |
| 15/16" | HCS.15/16" | 2-3/4" | HCS.2-3/4" |
| 1" | HCS.1" | 2-13/16" | HCS.2-3/16" |
| 1-1/16" | HCS.1-1/16" | 2-7/8" | HCS.2-7/8" |
| 1-1/8" | HCS.1-1/8" | 2-15/16" | HCS.2-5/16" |
| 1-3/16" | HCS.1-3/16" | 3" | HCS.3" |
| 1-1/4" | HCS.1-1/4" | 3-1/16" | HCS.3-1/16" |
| 1-5/16" | HCS.1-5/16" | 3-1/8" | HCS.3-1/8" |
| 1-3/8" | HCS.1-3/8" | 3-3/16" | HCS.3-3/16" |
| 1-7/16" | HCS.1-7/16" | 3-1/4" | HCS.3-1/4" |
| 1-1/2" | HCS.1-1/2" | 3-5/16" | HCS.3-5/16" |
| 1-9/16" | HCS.1-9/16" | 3-3/8" | HCS.3-3/8" |
| 1-5/8" | HCS.1-5/8" | 3-7/16" | HCS.3-7/16" |
| 1-11/16" | HCS.1-/16" | 3-1/2" | HCS.3-1/2" |
| 1-3/4" | HCS.1-3/4" | 3-9/16" | HCS.3-9/16" |
| 1-13/16" | HCS.1-3/16" | 3-5/8" | HCS.3-5/8" |
| 1-7/8" | HCS.1-7/8" | 3-11/16" | HCS.3-1/16" |
| 1-15/16" | HCS.1-5/16" | 3-3/4" | HCS.3-3/4" |
| 2" | HCS.2" | 3-13/16" | HCS.3-3/16" |
| 2-1/16" | HCS.2-1/16" | 3-7/8" | HCS.3-7/8" |
| 2-1/8" | HCS.2-1/8" | 3-15/16" | HCS.3-5/16" |
| 2-3/16" | HCS.2-3/16" | 4" | HCS.4" |

## EUROBOOR HSS ANNULAR CUTTERS
3/4" AND 1-1/4" WELDON SHANK - DOC 55 MM

| Ø | ORDER CODE | Ø | ORDER CODE |
|---|---|---|---|
| 7/16" | HCL.7/16" | 2-1/4" | HCL.2-1/4" |
| 1/2" | HCL.1/2" | 2-5/16" | HCL.2-5/16" |
| 9/16" | HCL.9/16" | 2-3/8" | HCL.2-3/8" |
| 5/8" | HCL.5/8" | 2-7/16" | HCL.2-7/16" |
| 11/16" | HCL.11/16" | 2-1/2" | HCL.2-1/2" |
| 3/4" | HCL.3/4" | 2-9/16" | HCL.2-9/16" |
| 13/16" | HCL.13/16" | 2-5/8" | HCL.2-5/8" |
| 7/8" | HCL.7/8" | 2-11/16" | HCL.2-1/16" |
| 15/16" | HCL.15/16" | 2-3/4" | HCL.2-3/4" |
| 1" | HCL.1" | 2-13/16" | HCL.2-3/16" |
| 1-1/16" | HCL.1-1/16" | 2-7/8" | HCL.2-7/8" |
| 1-1/8" | HCL.1-1/8" | 2-15/16" | HCL.2-5/16" |
| 1-3/16" | HCL.1-3/16" | 3" | HCL.3" |
| 1-1/4" | HCL.1-1/4" | 3-1/16" | HCL.3-1/16" |
| 1-5/16" | HCL.1-5/16" | 3-1/8" | HCL.3-1/8" |
| 1-3/8" | HCL.1-3/8" | 3-3/16" | HCL.3-3/16" |
| 1-7/16" | HCL.1-7/16" | 3-1/4" | HCL.3-1/4" |
| 1-1/2" | HCL.1-1/2" | 3-5/16" | HCL.3-5/16" |
| 1-9/16" | HCL.1-9/16" | 3-3/8" | HCL.3-3/8" |
| 1-5/8" | HCL.1-5/8" | 3-7/16" | HCL.3-7/16" |
| 1-11/16" | HCL.1-1/16" | 3-1/2" | HCL.3-1/2" |
| 1-3/4" | HCL.1-3/4" | 3-9/16" | HCL.3-9/16" |
| 1-13/16" | HCL.1-3/16" | 3-5/8" | HCL.3-5/8" |
| 1-7/8" | HCL.1-7/8" | 3-11/16" | HCL.3-1/16" |
| 1-15/16" | HCL.1-5/16" | 3-3/4" | HCL.3-3/4" |
| 2" | HCL.2" | 3-13/16" | HCL.3-3/16" |
| 2-1/16" | HCL.2-1/16" | 3-7/8" | HCL.3-7/8" |
| 2-1/8" | HCL.2-1/8" | 3-15/16" | HCL.3-5/16" |
| 2-3/16" | HCL.2-3/16" | 4" | HCL.4" |

## ACCESSORIES – PILOT PINS

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.70 | 77 mm | 6,35 mm | HCS ø 7/16 - 2-3/8" | 43 |
| IBC.80 | 103 mm | 8 mm | HCS ø 2-7/16" - 4" | 43 |
| IBC.90 | 102 mm | 6,35 mm | HCL ø 7/16 - 2-3/8" | 43 |
| IBC.100 | 123 mm | 8 mm | HCL ø 2-7/16" - 4" | 43 |

# HSS-Co Annular Cutters

## HSS-CO ANNULAR CUTTERS - DEPTH OF CUT 30 MM

### EUROBOOR HSS-CO ANNULAR CUTTERS WITH 19,05 MM WELDON SHANK - DOC 30 MM

| Ø MM | ORDER CODE |
|---|---|
| 12 | IBS.120 |
| 13 | IBS.130 |
| 14 | IBS.140 |
| 15 | IBS.150 |
| 16 | IBS.160 |
| 17 | IBS.170 |
| 18 | IBS.180 |
| 19 | IBS.190 |
| 20 | IBS.200 |
| 21 | IBS.210 |
| 22 | IBS.220 |
| 23 | IBS.230 |
| 24 | IBS.240 |
| 25 | IBS.250 |
| 26 | IBS.260 |
| 27 | IBS.270 |
| 28 | IBS.280 |
| 29 | IBS.290 |
| 30 | IBS.300 |
| 31 | IBS.310 |
| 32 | IBS.320 |
| 33 | IBS.330 |
| 34 | IBS.340 |
| 35 | IBS.350 |
| 36 | IBS.360 |
| 37 | IBS.370 |
| 38 | IBS.380 |
| 39 | IBS.390 |
| 40 | IBS.400 |
| 41 | IBS.410 |
| 42 | IBS.420 |
| 43 | IBS.430 |
| 44 | IBS.440 |
| 45 | IBS.450 |
| 46 | IBS.460 |
| 47 | IBS.470 |
| 48 | IBS.480 |
| 49 | IBS.490 |
| 50 | IBS.500 |
| 51 | IBS.510 |
| 52 | IBS.520 |
| 53 | IBS.530 |
| 54 | IBS.540 |
| 55 | IBS.550 |
| 56 | IBS.560 |
| 57 | IBS.570 |
| 58 | IBS.580 |
| 59 | IBS.590 |
| 60 | IBS.600 |

### EUROBOOR HSS-CO ANNULAR CUTTERS WITH 31,75 MM WELDON SHANK - DOC 30 MM

| Ø MM | ORDER CODE |
|---|---|
| 61 | IBS.610 |
| 62 | IBS.620 |
| 63 | IBS.630 |
| 64 | IBS.640 |
| 65 | IBS.650 |
| 66 | IBS.660 |
| 67 | IBS.670 |
| 68 | IBS.680 |
| 69 | IBS.690 |
| 70 | IBS.700 |
| 71 | IBS.710 |
| 72 | IBS.720 |
| 73 | IBS.730 |
| 74 | IBS.740 |
| 75 | IBS.750 |
| 76 | IBS.760 |
| 77 | IBS.770 |
| 78 | IBS.780 |
| 79 | IBS.790 |
| 80 | IBS.800 |
| 81 | IBS.810 |
| 82 | IBS.820 |
| 83 | IBS.830 |
| 84 | IBS.840 |
| 85 | IBS.850 |
| 86 | IBS.860 |
| 87 | IBS.870 |
| 88 | IBS.880 |
| 89 | IBS.890 |
| 90 | IBS.900 |
| 91 | IBS.910 |
| 92 | IBS.920 |
| 93 | IBS.930 |
| 94 | IBS.940 |
| 95 | IBS.950 |
| 96 | IBS.960 |
| 97 | IBS.970 |
| 98 | IBS.980 |
| 99 | IBS.990 |
| 100 | IBS.1000 |

### ACCESSORIES – PILOT PINS

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.70 | 77 mm | 6,35 mm | IBS ø 12 - 60 mm | 43 |
| IBC.80 | 103 mm | 8 mm | IBS ø 61 - 100 mm | 43 |

### HIGH SPEED STEEL COBALT ANNULAR CUTTERS

Euroboor HSS-Co Annular Cutters are made of Molybdenum-Chromium-Vanadium-Tungsten alloy High Speed Steel with an additional 8% Cobalt (M42).

The HSS-Co Annular Cutter is specifically designed to remain cool when cutting holes. All flutes are fully ground, resulting in super-fast feed rates and smooth holes in hard materials, providing better chip clearance and higher cutting performances.

# HSS-Co Annular Cutters

## HSS-CO ANNULAR CUTTERS – DEPTH OF CUT 55 MM

### HIGH SPEED STEEL COBALT ANNULAR CUTTERS

M42 is a Molybdenum-Chromium-Vanadium-Tungsten High Speed Steel alloy with an additional 8% Cobalt.

The M42 HSS-Co Annular Cutter is widely used in the metalworking industry for its superior red hardness compared to more conventional high speed steels. This will lead to shorter cycle times in production environments due to higher cutting speeds.

### EUROBOOR HSS-CO ANNULAR CUTTERS WITH 19,05 MM WELDON SHANK - DOC 55 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 12 | IBL.120 | 41 | IBL.410 |
| 13 | IBL.130 | 42 | IBL.420 |
| 14 | IBL.140 | 43 | IBL.430 |
| 15 | IBL.150 | 44 | IBL.440 |
| 16 | IBL.160 | 45 | IBL.450 |
| 17 | IBL.170 | 46 | IBL.460 |
| 18 | IBL.180 | 47 | IBL.470 |
| 19 | IBL.190 | 48 | IBL.480 |
| 20 | IBL.200 | 49 | IBL.490 |
| 21 | IBL.210 | 50 | IBL.500 |
| 22 | IBL.220 | 51 | IBL.510 |
| 23 | IBL.230 | 52 | IBL.520 |
| 24 | IBL.240 | 53 | IBL.530 |
| 25 | IBL.250 | 54 | IBL.540 |
| 26 | IBL.260 | 55 | IBL.550 |
| 27 | IBL.270 | 56 | IBL.560 |
| 28 | IBL.280 | 57 | IBL.570 |
| 29 | IBL.290 | 58 | IBL.580 |
| 30 | IBL.300 | 59 | IBL.590 |
| 31 | IBL.310 | 60 | IBL.600 |
| 32 | IBL.320 | | |
| 33 | IBL.330 | | |
| 34 | IBL.340 | | |
| 35 | IBL.350 | | |
| 36 | IBL.360 | | |
| 37 | IBL.370 | | |
| 38 | IBL.380 | | |
| 39 | IBL.390 | | |
| 40 | IBL.400 | | |

### EUROBOOR HSS-CO ANNULAR CUTTERS WITH 31,75 MM WELDON SHANK - DOC 55 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 61 | IBL.610 | 90 | IBL.900 |
| 62 | IBL.620 | 91 | IBL.910 |
| 63 | IBL.630 | 92 | IBL.920 |
| 64 | IBL.640 | 93 | IBL.930 |
| 65 | IBL.650 | 94 | IBL.940 |
| 66 | IBL.660 | 95 | IBL.950 |
| 67 | IBL.670 | 96 | IBL.960 |
| 68 | IBL.680 | 97 | IBL.970 |
| 69 | IBL.690 | 98 | IBL.980 |
| 70 | IBL.700 | 99 | IBL.990 |
| 71 | IBL.710 | 100 | IBL.1000 |
| 72 | IBL.720 | | |
| 73 | IBL.730 | | |
| 74 | IBL.740 | | |
| 75 | IBL.750 | | |
| 76 | IBL.760 | | |
| 77 | IBL.770 | | |
| 78 | IBL.780 | | |
| 79 | IBL.790 | | |
| 80 | IBL.800 | | |
| 81 | IBL.810 | | |
| 82 | IBL.820 | | |
| 83 | IBL.830 | | |
| 84 | IBL.840 | | |
| 85 | IBL.850 | | |
| 86 | IBL.860 | | |
| 87 | IBL.870 | | |
| 88 | IBL.880 | | |
| 89 | IBL.890 | | |

### ACCESSORIES – PILOT PINS

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.90 | 102 mm | 6,35 mm | IBL ø 12 - 60 mm | 43 |
| IBC.100 | 123 mm | 8 mm | IBL ø 61 - 100 mm | 43 |

# TCT ANNULAR CUTTERS

## TCT ANNULAR CUTTERS - DEPTH OF CUT 35 MM (METRIC)
## TCT RAIL ANNULAR CUTTERS - DEPTH OF CUT 35 MM (METRIC)

### EUROBOOR TCT ANNULAR CUTTERS WITH 19,05MM WELDON SHANK - DOC 35 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 12 | HMS.120 | 32 | HMS.320 |
| 13 | HMS.130 | 33 | HMS.330 |
| 14 | HMS.140 | 34 | HMS.340 |
| 15 | HMS.150 | 35 | HMS.350 |
| 16 | HMS.160 | 36 | HMS.360 |
| 17 | HMS.170 | 37 | HMS.370 |
| 18 | HMS.180 | 38 | HMS.380 |
| 19 | HMS.190 | 39 | HMS.390 |
| 20 | HMS.200 | 40 | HMS.400 |
| 21 | HMS.210 | 41 | HMS.410 |
| 22 | HMS.220 | 42 | HMS.420 |
| 23 | HMS.230 | 43 | HMS.430 |
| 24 | HMS.240 | 44 | HMS.440 |
| 25 | HMS.250 | 45 | HMS.450 |
| 26 | HMS.260 | 46 | HMS.460 |
| 27 | HMS.270 | 47 | HMS.470 |
| 28 | HMS.280 | 48 | HMS.480 |
| 29 | HMS.290 | 49 | HMS.490 |
| 30 | HMS.300 | 50 | HMS.500 |
| 31 | HMS.310 | | |

### EUROBOOR TCT RAIL ANNULAR CUTTERS WITH 19,05 MM WELDON SHANK - DOC 35 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 12 | - | 32 | TRCS.320 |
| 13 | - | 33 | TRCS.330 |
| 14 | - | 34 | TRCS.340 |
| 15 | - | 35 | TRCS.350 |
| 16 | - | 36 | TRCS.360 |
| 17 | TRCS.170 | | |
| 18 | TRCS.180 | | |
| 19 | TRCS.190 | | |
| 20 | TRCS.200 | | |
| 21 | TRCS.210 | | |
| 22 | TRCS.220 | | |
| 23 | TRCS.230 | | |
| 24 | TRCS.240 | | |
| 25 | TRCS.250 | | |
| 26 | TRCS.260 | | |
| 27 | TRCS.270 | | |
| 28 | TRCS.280 | | |
| 29 | TRCS.290 | | |
| 30 | TRCS.300 | | |
| 31 | TRCS.310 | | |

### TUNGSTEN CARBIDE TIPPED ANNULAR CUTTERS

Euroboor Tungsten Carbide Tipped Annular Cutters are suitable for drilling difficult materials such as stainless steel, copper and aluminum. The Tungsten Carbide Tipped Cutters consist of an alloy metal body and tungsten carbide cutting teeth. The latter can be sharpened or replaced.

Euroboor Tungsten Carbide Tipped Annular Cutters are among the very best cutters. These top-quality Annular Cutters are available with cutting depths up to 55 mm and diameters up to ø 130 mm.

### ACCESSORIES – PILOT PINS

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.75 | 90 mm | 6,35 mm | HMS ø 12 - 17 mm | 43 |
| | | | TRCS ø 17 - 36 mm | 43 |
| IBC.85 | 90 mm | 8 mm | HMS ø 18 - 50 mm | 43 |

# TCT ANNULAR CUTTERS

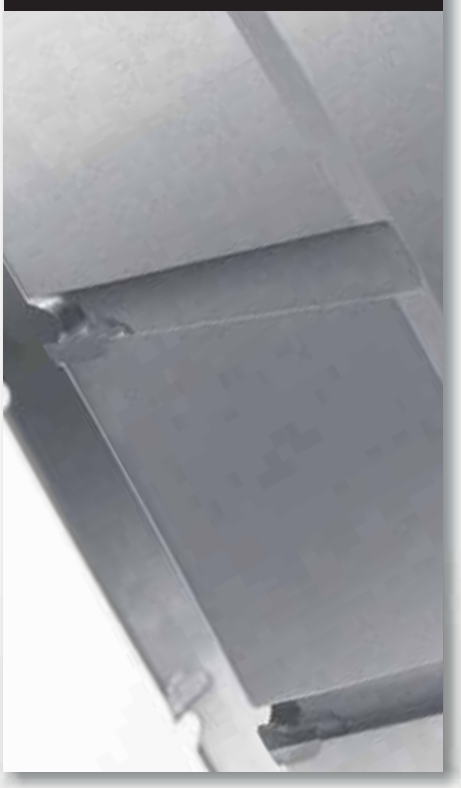
## TCT ANNULAR CUTTERS - DEPTH OF CUT 55 MM (METRIC)

### TUNGSTEN CARBIDE TIPPED ANNULAR CUTTERS

Euroboor Tungsten Carbide Tipped Annular Cutters are equipped with a spiral flute which creates optimum chip removal and seizure is virtually impossible.

These annular cutters are used e.g. in hardened materials such as HARDOX steel, stainless steels and high tensile strength such as railway tracks. For the latter the Rail drilling machine has been developed especially for this purpose.

The Tungsten Carbide Tipped teeth of the cutter can be sharpened or replaced. Because of the above composition, and when used in a proper way, these cutters are less susceptible to breakage than standard High Speed Steel Cutters, especially in larger diameters and lengths.



### EUROBOOR TCT ANNULAR CUTTERS WITH 19,05 MM WELDON SHANK - DOC 55 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 12 | HML.120 | 41 | HML.410 |
| 13 | HML.130 | 42 | HML.420 |
| 14 | HML.140 | 43 | HML.430 |
| 15 | HML.150 | 44 | HML.440 |
| 16 | HML.160 | 45 | HML.450 |
| 17 | HML.170 | 46 | HML.460 |
| 18 | HML.180 | 47 | HML.470 |
| 19 | HML.190 | 48 | HML.480 |
| 20 | HML.200 | 49 | HML.490 |
| 21 | HML.210 | 50 | HML.500 |
| 22 | HML.220 | 51 | HML.510 |
| 23 | HML.230 | 52 | HML.520 |
| 24 | HML.240 | 53 | HML.530 |
| 25 | HML.250 | 54 | HML.540 |
| 26 | HML.260 | 55 | HML.550 |
| 27 | HML.270 | 56 | HML.560 |
| 28 | HML.280 | 57 | HML.570 |
| 29 | HML.290 | 58 | HML.580 |
| 30 | HML.300 | 59 | HML.590 |
| 31 | HML.310 | 60 | HML.600 |
| 32 | HML.320 | | |
| 33 | HML.330 | | |
| 34 | HML.340 | | |
| 35 | HML.350 | | |
| 36 | HML.360 | | |
| 37 | HML.370 | | |
| 38 | HML.380 | | |
| 39 | HML.390 | | |
| 40 | HML.400 | | |

### EUROBOOR TCT ANNULAR CUTTERS WITH 31,75 MM WELDON SHANK - DOC 55 MM

| Ø MM | ORDER CODE | Ø MM | ORDER CODE |
|---|---|---|---|
| 61 | HML.610 | 90 | HML.900 |
| 62 | HML.620 | 91 | HML.910 |
| 63 | HML.630 | 92 | HML.920 |
| 64 | HML.640 | 93 | HML.930 |
| 65 | HML.650 | 94 | HML.940 |
| 66 | HML.660 | 95 | HML.950 |
| 67 | HML.670 | 96 | HML.960 |
| 68 | HML.680 | 97 | HML.970 |
| 69 | HML.690 | 98 | HML.980 |
| 70 | HML.700 | 99 | HML.990 |
| 71 | HML.710 | 100 | HML.1000 |
| 72 | HML.720 | 105 | HML.1050 |
| 73 | HML.730 | 110 | HML.1100 |
| 74 | HML.740 | 115 | HML.1150 |
| 75 | HML.750 | 120 | HML.1200 |
| 76 | HML.760 | 125 | HML.1250 |
| 77 | HML.770 | 130 | HML.1300 |
| 78 | HML.780 | | |
| 79 | HML.790 | | |
| 80 | HML.800 | | |
| 81 | HML.810 | | |
| 82 | HML.820 | | |
| 83 | HML.830 | | |
| 84 | HML.840 | | |
| 85 | HML.850 | | |
| 86 | HML.860 | | |
| 87 | HML.870 | | |
| 88 | HML.880 | | |
| 89 | HML.890 | | |

### ACCESSORIES – PILOT PINS

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.90 | 102 mm | 6,35 mm | HML ø 14 - 17 mm | 43 |
| IBC.80 | 103 mm | 8 mm | HML ø 18 - 60 mm | 43 |
| IBC.100 | 123 mm | 8 mm | HML ø 61 - 130 mm | 43 |

# EUROBOOR CATALOG

# TCT ANNULAR CUTTERS

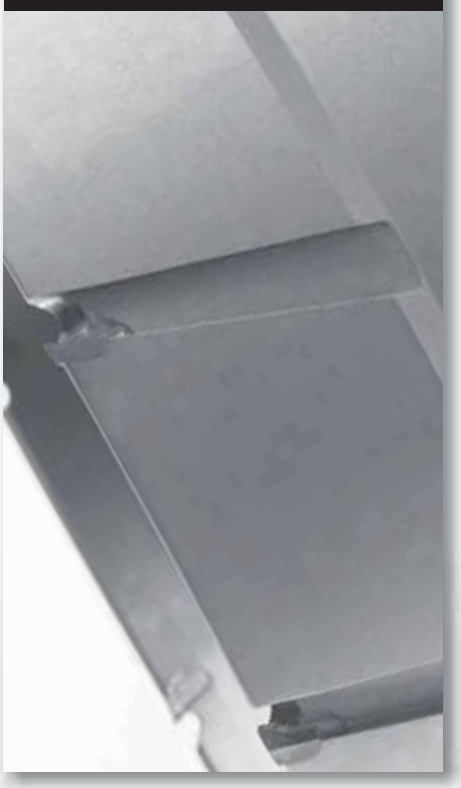
TCT ANNULAR CUTTERS (IMPERIAL)
TCT ANNULAR CUTTER WELDON SHANK - DOC 35 MM
TCT ANNULAR CUTTER WELDON SHANK - DOC 55 MM

## TUNGSTEN CARBIDE TIPPED ANNULAR CUTTERS

Euroboor Tungsten Carbide Tipped Annular Cutters are equipped with a spiral flute which creates optimum chip removal and seizure is virtually impossible.

These annular cutters are used e.g. in hardened materials such as HARDOX steel, stainless steels and high tensile strength such as railway tracks. For the latter the Rail drilling machine has been developed especially for this purpose.

The Tungsten Carbide Tipped teeth of the cutter can be sharpened or replaced. Because of the above composition, and when used in a proper way, these cutters are less susceptible to breakage than standard High Speed Steel Cutters, especially in larger diameters and lengths.



## EUROBOOR TCT ANNULAR CUTTERS WITH 19,05 MM WELDON SHANK - DOC 35 MM

| Ø | ORDER CODE | Ø | ORDER CODE |
|---|---|---|---|
| 7/16” | HMS.7/16” | 2-1/4” | HMS.2-1/4” |
| 1/2” | HMS.1/2” | 2-5/16” | HMS.2-5/16” |
| 9/16” | HMS.9/16” | 2-3/8” | HMS.2-3/8” |
| 5/8” | HMS.5/8” | | |
| 11/16” | HMS.11/16” | | |
| 3/4” | HMS.3/4” | | |
| 13/16” | HMS.13/16” | | |
| 7/8” | HMS.7/8” | | |
| 15/16” | HMS.15/16” | | |
| 1” | HMS.1” | | |
| 1-1/16” | HMS.1-/16” | | |
| 1-1/8” | HMS.1-1/8” | | |
| 1-3/16” | HMS.13/16” | | |
| 1-1/4” | HMS.1-1/4” | | |
| 1-5/16” | HMS.1-/16” | | |
| 1-3/8” | HMS.1-3/8” | | |
| 1-7/16” | HMS.1-/16” | | |
| 1-1/2” | HMS.1-1/2” | | |
| 1-9/16” | HMS.1-/16” | | |
| 1-5/8” | HMS.1-5/8” | | |
| 1-11/16” | HMS.1-11/16” | | |
| 1-3/4” | HMS.1-3/4” | | |
| 1-13/16” | HMS.1-13/16” | | |
| 1-7/8” | HMS.1-7/8” | | |
| 1-15/16” | HMS.1-15/16” | | |
| 2” | HMS.2” | | |
| 2-1/16” | HMS.2-1/16” | | |
| 2-1/8” | HMS.2-1/8” | | |
| 2-3/16” | HMS.2-3/16” | | |

## EUROBOOR TCT ANNULAR CUTTERS WITH 19,05 MM WELDON SHANK - DOC 55 MM

| Ø | ORDER CODE | Ø | ORDER CODE |
|---|---|---|---|
| 7/16” | HML.7/16” | 2-1/4” | HML.2-1/4” |
| 1/2” | HML.1/2” | 2-5/16” | HML.2-5/16” |
| 9/16” | HML.9/16” | 2-3/8” | HML.2-3/8” |
| 5/8” | HML.5/8” | | |
| 11/16” | HML.11/16” | | |
| 3/4” | HML.3/4” | | |
| 13/16” | HML.13/16” | | |
| 7/8” | HML.7/8” | | |
| 15/16” | HML.15/16” | | |
| 1” | HML.1” | | |
| 1-1/16” | HML.1-1/16” | | |
| 1-1/8” | HML.1-1/8” | | |
| 1-3/16” | HML.1-3/16” | | |
| 1-1/4” | HML.1-1/4” | | |
| 1-5/16” | HML.1-5/16” | | |
| 1-3/8” | HML.1-3/8” | | |
| 1-7/16” | HML.1-7/16” | | |
| 1-1/2” | HML.1-1/2” | | |
| 1-9/16” | HML.1-9/16” | | |
| 1-5/8” | HML.1-5/8” | | |
| 1-11/16” | HML.1-11/16” | | |
| 1-3/4” | HML.1-3/4” | | |
| 1-13/16” | HML.1-13/16” | | |
| 1-7/8” | HML.1-7/8” | | |
| 1-15/16” | HML.1-15/16” | | |
| 2” | HML.2” | | |
| 2-1/16” | HML.2-1/16” | | |
| 2-1/8” | HML.2-1/8” | | |
| 2-3/16” | HML.2-3/16” | | |

## ACCESSORIES – PILOT PINS

| ORDER CODE | LENGTH | DIAMETER | ANNULAR CUTTERS | PAGE |
|---|---|---|---|---|
| IBC.75 | 90 mm | 6,35 mm | HMS ø 7/16” - 11/16” | 43 |
| IBC.85 | 90 mm | 8 mm | HMS ø 3/4” - 2” | 43 |
| IBC.90 | 102 mm | 6,35 mm | HML ø 7/16” - 11/16” | 43 |
| IBC.80 | 103 mm | 8 mm | HML ø 3/4” - 2-3/8” | 43 |

# Annular Cutter Sets

DEPTH OF CUT 30 AND 55 MM

## HCS.KIT

| ORDER CODE | DESCRIPTION |
|---|---|
| HCS.KIT | Annular Cutter set - 19,05 mm Weldon shank<br>HSS quality / depth of cut 30 mm<br>6-piece set including 1 pilot pin, sizes: 2x ø 14 I 2x ø 18 I 2x ø 22 mm |
| HCL.KIT | Annular Cutter set - 19,05 mm Weldon shank<br>HSS quality / depth of cut 55 mm<br>6-piece set including 1 pilot pin, sizes: 2x ø 14 I 2x ø 18 I 2x ø 22 mm |

## HCS.KIT/8 - HCS.KIT/9

| ORDER CODE | DESCRIPTION HCS.KIT/8 | DESCRIPTION HCS.KIT/9 |
|---|---|---|
| HCS.KIT/8<br>HCS.KIT/9 | Annular Cutter set with 19,05 mm Weldon shank - Inch - 7 or 8 pieces<br>HSS quality / depth of cut 30 or 55 mm | |
| | **HCS.KIT/8:** 2x ø 9/16" x 30 mm<br>2x ø 11/16" x 30 mm<br>2x ø 13/16" x 30 mm<br>1x pilot pin | **HCS.KIT/9:** 1x ø 9/16" x 30 mm<br>1x ø 9/16" x 55 mm<br>1x ø 11/16" x 30 mm<br>1x ø 11/16" x 55 mm<br>1x ø 13/16" x 30 mm<br>1x ø 13/16" x 55 mm<br>2x pilot pins |

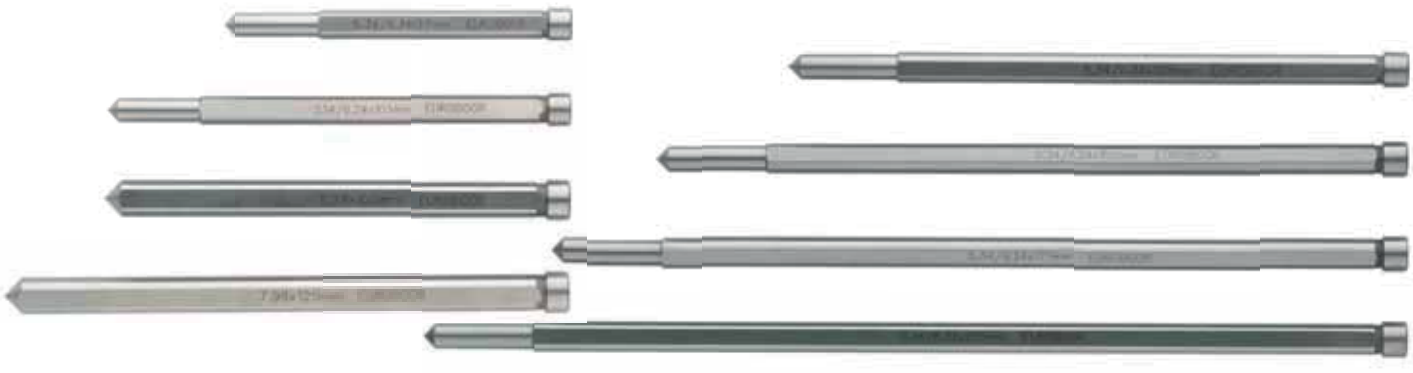
## HCS.KIT/10

| ORDER CODE | DESCRIPTION |
|---|---|
| HCS.KIT/10 | Annular Cutter set - 19,05 mm Weldon shank<br>HSS quality / depth of cut 30 mm. 10-piece set including 1 pilot pin, sizes:<br>ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm |
| HCL.KIT/10 | Annular Cutter set - 19,05 mm Weldon shank<br>HSS quality / depth of cut 55 mm. 10-piece set including 1 pilot pin, sizes:<br>ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 I ø 24 I ø 26 I ø 28 I ø 30 mm |

## TCT.KIT

| ORDER CODE | DESCRIPTION |
|---|---|
| TCT.KIT | Annular Cutter set - 19,05 mm Weldon shank<br>TCT quality / depth of cut 50 mm<br>6-piece set including 2 pilot pins, sizes: ø 12 I ø 14 I ø 16 I ø 18 I ø 20 I ø 22 mm |

# Pilot pins



| PILOT PINS | | | |
|---|---|---|---|
| ORDER CODE | LENGTH | DIAMETER | TO BE USED TOGETHER WITH ANNULAR CUTTERS |
| IBC.70 | 77 mm | 6,35 mm | HCS and IBS cutters ø 12 - 60 mm |
| IBC.75 | 87 mm | 6,35 mm | HMS cutters ø 12 - 17 mm and all sizes TRCS cutters |
| IBC.80 | 103 mm | 8 mm | HCS and IBS cutters ø 61 - 130 mm<br>HML cutters ø 18 - 60 mm |
| IBC.85 | 90 mm | 8 mm | HMS cutters ø 18 - 50 mm |
| IBC.90 | 102 mm | 6,35 mm | HCL and IBL cutters ø 12 - 60 mm<br>HML cutters ø 14 - 17 mm |
| IBC.100 | 123 mm | 8 mm | HCL and IBL cutters ø 61 - 130 mm<br>HML cutters ø 61 - 130 mm (extra long for better centering of cutter) |
| IBC.110 | 165 mm | 6,35 mm | Combination HML cutters ø 12 - 17 mm + IBK.NIT |
| IBC.120 | 120 mm | 6,35 mm | Combination HMS cutters ø 12 - 17 mm + IBK.NIT |
| IBC.130 | 162 mm | 8 mm | HCX cutters ø 61 - 100 mm |
| IBC.K25 | 125 mm | 6,35 mm | HCY cutters ø 14 - 50 mm<br>Combination HCL cutters ø 12 - 60 mm + IBK.NIT or IBK.QFN Adapters<br>Combination HCL cutters ø 12 - 60 mm + Extension Adapter 25 mm<br>Combination TRCS + IBK.NIT or IBK.QFN Adapters |
| IBC.K50 | 155 mm | 6,35 mm | HCX cutters ø 18 - 60 mm<br>Combination HCL cutters ø 12 - 60 mm + Extension Adapter 50 mm |
| IBC.K75 | 177 mm | 6,35 mm | Combination HCL cutters ø 12 - 60 mm + Extension Adapter 75 mm |
| IBC.K100 | 203 mm | 6,35 mm | Combination HCL cutters ø 12 - 60 mm + Extension Adapter 100 mm |

# Twist drills

## HSS TWIST DRILLS WITH 19,05 MM WELDON SHANK
## HSS COUNTERSINK DRILLS WITH 19,05 MM WELDON SHANK

### TWIST DRILLS 30 MM — 19,05 MM WELDON SHANK (GROUP 125)

| ORDER CODE | DESCRIPTION |
|---|---|
| SSPI.06 | HSS Twist drill - 19,05 Weldon shank ø 6 x 30 mm |
| SSPI.07 | HSS Twist drill - 19,05 Weldon shank ø 7 x 30 mm |
| SSPI.08 | HSS Twist drill - 19,05 Weldon shank ø 8 x 30 mm |
| SSPI.09 | HSS Twist drill - 19,05 Weldon shank ø 9 x 30 mm |
| SSPI.10 | HSS Twist drill - 19,05 Weldon shank ø 10 x 30 mm |
| SSPI.11 | HSS Twist drill - 19,05 Weldon shank ø 11 x 30 mm |
| SSPI.12 | HSS Twist drill - 19,05 Weldon shank ø 12 x 30 mm |
| SSPI.13 | HSS Twist drill - 19,05 Weldon shank ø 13 x 30 mm |
| SSPI.14 | HSS Twist drill - 19,05 Weldon shank ø 14 x 30 mm |

### TWIST DRILLS 55 MM — 19,05 MM WELDON SHANK (GROUP 125)

| ORDER CODE | DESCRIPTION |
|---|---|
| SPI.06 | HSS Twist drill - 19,05 Weldon shank ø 6 x 55 mm |
| SPI.07 | HSS Twist drill - 19,05 Weldon shank ø 7 x 55 mm |
| SPI.08 | HSS Twist drill - 19,05 Weldon shank ø 8 x 55 mm |
| SPI.09 | HSS Twist drill - 19,05 Weldon shank ø 9 x 55 mm |
| SPI.10 | HSS Twist drill - 19,05 Weldon shank ø 10 x 55 mm |
| SPI.11 | HSS Twist drill - 19,05 Weldon shank ø 11 x 55 mm |
| SPI.12 | HSS Twist drill - 19,05 Weldon shank ø 12 x 55 mm |
| SPI.13 | HSS Twist drill - 19,05 Weldon shank ø 13 x 55 mm |
| SPI.14 | HSS Twist drill - 19,05 Weldon shank ø 14 x 55 mm |

### COUNTERSINK DRILLS — 19,05 MM WELDON SHANK (GROUP 150)

| ORDER CODE | DESCRIPTION |
|---|---|
| SCE.25 | HSS Countersink drill ø 10 - 25 mm - 19,05 mm Weldon shank |
| SCE.40 | HSS Countersink drill ø 10 - 40 mm - 19,05 mm Weldon shank |
| SCE.50 | HSS Countersink drill ø 10 - 50 mm - 19,05 mm Weldon shank |

# Twist drills

## HSS-CO (M35) TWIST DRILLS

### TWIST DRILLS (GROUP 164)

| ORDER CODE | DESCRIPTION | SIZE | PACKAGING |
|---|---|---|---|
| TDCO.010 | HSS-Co Twist drill | ø 1,0 mm | (per 10 pieces) |
| TDCO.015 | HSS-Co Twist drill | ø 1,5 mm | (per 10 pieces) |
| TDCO.020 | HSS-Co Twist drill | ø 2,0 mm | (per 10 pieces) |
| TDCO.025 | HSS-Co Twist drill | ø 2,5 mm | (per 10 pieces) |
| TDCO.030 | HSS-Co Twist drill | ø 3,0 mm | (per 10 pieces) |
| TDCO.033 | HSS-Co Twist drill | ø 3,3 mm | (per 10 pieces) |
| TDCO.035 | HSS-Co Twist drill | ø 3,5 mm | (per 10 pieces) |
| TDCO.040 | HSS-Co Twist drill | ø 4,0 mm | (per 10 pieces) |
| TDCO.042 | HSS-Co Twist drill | ø 4,2 mm | (per 10 pieces) |
| TDCO.045 | HSS-Co Twist drill | ø 4,5 mm | (per 10 pieces) |
| TDCO.050 | HSS-Co Twist drill | ø 5,0 mm | (per 10 pieces) |
| TDCO.055 | HSS-Co Twist drill | ø 5,5 mm | (per 10 pieces) |
| TDCO.060 | HSS-Co Twist drill | ø 6,0 mm | (per 10 pieces) |
| TDCO.065 | HSS-Co Twist drill | ø 6,5 mm | (per 10 pieces) |
| TDCO.068 | HSS-Co Twist drill | ø 6,8 mm | (per 10 pieces) |
| TDCO.070 | HSS-Co Twist drill | ø 7,0 mm | (per 10 pieces) |
| TDCO.075 | HSS-Co Twist drill | ø 7,5 mm | (per 10 pieces) |
| TDCO.080 | HSS-Co Twist drill | ø 8,0 mm | (per 10 pieces) |
| TDCO.085 | HSS-Co Twist drill | ø 8,5 mm | (per 10 pieces) |
| TDCO.090 | HSS-Co Twist drill | ø 9,0 mm | (per 10 pieces) |
| TDCO.095 | HSS-Co Twist drill | ø 9,5 mm | (per 10 pieces) |
| TDCO.100 | HSS-Co Twist drill | ø 10,0 mm | (per 10 pieces) |
| TDCO.102 | HSS-Co Twist drill | ø 10,2 mm | (per 10 pieces) |
| TDCO.105 | HSS-Co Twist drill | ø 10,5 mm | (per 10 pieces) |
| TDCO.110 | HSS-Co Twist drill | ø 11,0 mm | (per 10 pieces) |
| TDCO.115 | HSS-Co Twist drill | ø 11,5 mm | (per 10 pieces) |
| TDCO.120 | HSS-Co Twist drill | ø 12,0 mm | (per 10 pieces) |
| TDCO.125 | HSS-Co Twist drill | ø 12,5 mm | (per 10 pieces) |
| TDCO.130 | HSS-Co Twist drill | ø 13,0 mm | (per 10 pieces) |

# DRILL BIT SETS

## VARIOUS SETS

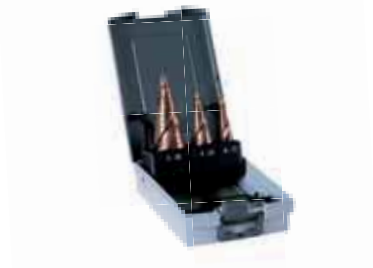
### TWIST DRILL SET

| ORDER CODE | DESCRIPTION: |
|---|---|
| TDS.100 | 19 piece twist drill set (DIN 338)<br>Premium High Speed Steel, HSSE-Cobalt (M35) quality<br>Compatible with every drill chuck<br>Split point 135°<br>Sizes: ø 1 - 10 mm increasing by 0,5 mm increments |

### TWIST DRILL SET

| ORDER CODE | DESCRIPTION: |
|---|---|
| TDS.200 | 25 piece twist drill set (DIN 338)<br>Premium High Speed Steel. HSSE-Cobalt (M35) quality<br>Compatible with every drill chuck<br>Split point 135°<br>Sizes: ø 1 - 13 mm increasing by 0,5 mm increments |

### STEP DRILL BIT SET



| ORDER CODE | DESCRIPTION: |
|---|---|
| ESS.430/2 | 3 piece step drill bit set<br>HSS - Titanium Nitride coated<br>With spiral flute for efficient chip removal<br>Sizes: ø 6 - 30 I ø 4 - 20 I ø 4 - 12 mm |

### TWIST DRILL AND TAPPING SET

| ORDER CODE | DESCRIPTION: |
|---|---|
| DTS.312 | 14 piece twist drill and tapping set<br>Premium High Speed Steel. HSSE-Cobalt (M35) quality<br>7 pieces HSSE-Cobalt twist drills - DIN 338<br>7 pieces HSSE-Cobalt Ox machine taps - DIN 371<br>Twist drill sizes: ø 2,5 I ø 3,3 I ø 4,2 I ø 5,5 I ø 6,8 I ø 8,5 I ø 10,2 mm<br>Machine tap sizes: M3, M4, M5, M6, M8, M10 and M12 |

### COUNTERSINK BIT SET

| ORDER CODE | DESCRIPTION: |
|---|---|
| CBS.620 | 6 piece countersink bit set<br>Premium High Speed Steel. HSSE-Cobalt (M35) quality<br>3 cutting edges 90°<br>Sizes: ø 6,3 I ø 8,3 I ø 10,4 I ø 12,4 I ø 16,6 I ø 20,5 mm |

# EUROBOOR CATALOG

# ACCESSORIES

We believe accessories are auxiliary tools. Their development follows from practical situations in which problems present themselves; problems which usually could have been prevented by properly estimating the diversity and complexity of the work.

After more than 35 years of practical experience we dare to say we are familiar with most problems that may occur. The Euroboor accessories have been developed for direct practical solutions and comfort at work. Non-magnetic base, horizontal drilling, or lack of space, you can proceed undisrupted at all times.

This section of the Euroboor catalog provides an extensive collection of useful and necessary accessories, tuned to your activities. The Euroboor accessories guarantee professional solutions.

# Accessories

LUBRICATION SYSTEM / MORSE TAPERS

## COOLANT SYSTEM (GROUP 80)

| ORDER CODE | DESCRIPTION |
|---|---|
| KSP.Q | Lubrication system with Quick Connect hose |
| 020.0145 | Coolant ring Quick Connect<br>Compatible with ECO.32, ECO.32-T and ECO.40/2 |

## MORSE TAPERS (GROUP 90)

| ORDER CODE | DESCRIPTION |
|---|---|
| MC.2 | Morse Taper 2 - 19,05 mm (¾") Weldon |
| MC.3 | Morse Taper 3 - 19,05 mm (¾") Weldon for cutters ø 12 - 60 mm |
| MC.3/32 | Morse Taper 3 - 31,75 mm (1-¼") Weldon for cutters ø 61 - 100 mm |
| IMC.20 | Morse Taper 2 - 19,05 mm (¾") Weldon including lubrication ring for KSP.Q |
| IMC.30/19-N | Morse Taper 3 - 19,05 mm (¾") Weldon including lubrication ring for KSP.Q |
| IMC.30/32-N | Morse Taper 3 - 31,75 mm (1-¼") Weldon including lubrication ring for KSP.Q |
| IMC.40/N | Morse Taper 4 - 31,75 mm (1-¼") Weldon including lubrication ring for KSP.Q |
| MCQ.20 | Morse Taper 2 Quick Change - 19,05 mm (¾") Weldon including lubrication ring for annular cutters max. ø 26 mm |
| MCQ.30 | Morse Taper 3 Quick Change - 19,05 mm (¾") Weldon including lubrication ring for annular cutters max. ø 26 mm |
| 020.0116Q | Spindle ½" x 20 UNF - 19,05 mm (¾") Weldon Quick Change |
| MCV.31 | Morse taper Adapter reducing sleeve MT 2 - MT 1 |
| MCV.32 | Morse taper Adapter reducing sleeve MT 3 - MT 2 |
| MCV.34 | Morse taper Adapter reducing sleeve MT 4 - MT 3 |

# Accessories

## EXTENSION ADAPTERS / POWER ASSISTS

### EXTENSION (ADAPTERS) (GROUP 145)

| ORDER CODE | DESCRIPTION |
|---|---|
| IBK.15 | Adapter 1/2" x 20 UNF (outer) - 1/2" x 20 UNF (inner) extension adapter (65 mm) for drill chucks |
| IBK.25 | Adapter 19,05 mm (3/4") Weldon (externally) - 19,05 mm (3/4") Weldon (internally) extension 25 mm, ø 35 mm, for 6,35 mm / 1/4" pilot pins |
| IBK.50 | Adapter 19,05 mm (3/4") Weldon (externally) - 19,05 mm (3/4") Weldon (internally) extension 50 mm, ø 35 mm, for 6,35 mm / 1/4" pilot pins |
| IBK.75 | Adapter 19,05 mm (3/4") Weldon (externally) - 19,05 mm (3/4") Weldon (internally) extension 75 mm, ø 35 mm, for 6,35 mm / 1/4" pilot pins |
| IBK.100 | Adapter 19,05 mm (3/4") Weldon (externally) - 19,05 mm (3/4") Weldon (internally) extension 100 mm, ø 35 mm, for 6,35 mm / 1/4" pilot pins |
| 020.0116/300 | Adapter 19,05 mm (3/4") Weldon (externally) - 19,05 mm (3/4") Weldon (internally) extension 300 mm, ø 35 mm, for 6,35 mm / 1/4" pilot pins |
| MC.2x2T265 | MT 2 - MT 2 extension adapter for extra stroke (90 mm) |
| MC.3x3T265 | MT 3 - MT 3 extension adapter for extra stroke (121 mm) |
| MC.3x3T268 | MT 3 - MT 3 extension adapter type 268 (250mm) |
| MC.3x3T268/2 | MT 3 - MT 3 extension adapter type 268 (450mm) |

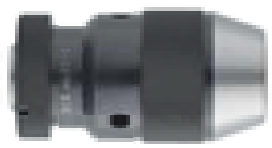
### POWER ASSISTS (GROUP 110)

| ORDER CODE | DESCRIPTION |
|---|---|
| 020.0336 | Power Assist for ECO.80 up to ECO.100/4 D<br><br>The Power Assist is a special capstan, designed with delayed torque transfer. This decreases the load on both cutter and magnetic drilling machine, allowing the machine to maintain maximum RPM under full load. |
| 020.0063 | Capstan hub with ratchet for ECO.32, ECO.32-T, ECO.40/2, ECO.50 and ECO.50-T |

# Accessories

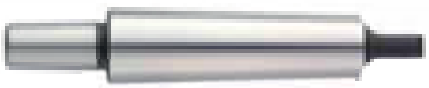
## DRILL CHUCKS/ADAPTERS

### DRILL CHUCKS (GROUP 75)



| ORDER CODE | DESCRIPTION |
|---|---|
| IBK.13 | Drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) |
| IBK.13Q | Keyless drill chuck ø 1,5 - 13 mm, ½" x 20 UNF (inner) |
| IBK.13-B16 | Drill chuck ø 1,5 - 13 mm with B16 connection<br>Standard drill chuck for twist drills ø 1,5 - 13 mm<br>Available with inner thread or inner taper<br>Key is necessary |
| IBK.16 | Drill chuck ø 1,5 - 16 mm with B18 connection<br>Standard drill chuck for twist drills ø 1,5 - 16 mm<br>Available with inner taper<br>Key is necessary |
| IBQ.13 | Drill chuck Quick change ø 1,5 - 13 mm - 1/2" x 20 UNF |
| IBQ.16 | Drill chuck Quick change ø 1,5 - 16 mm - 1/2" x 20 UNF<br>The IBQ.13 and IBQ.16 Quick Change drill chucks are keyless, three-jaw, self-centering chucks that hold drill bits in place for drilling operations. They can be used with magnetic drilling machines together with EUROBOOR accessories like IBK.14, IBK.15 and 1/2" x 20 UNF Morse Taper. |

### MT DRILL CHUCK ADAPTERS (GROUP 75)

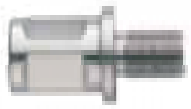


| ORDER CODE | DESCRIPTION |
|---|---|
| B16-MC2 | Morse Taper 2 - B16 spindle connection |
| B16-MC3 | Morse Taper 3 - B16 spindle connection |
| B18-MC2 | Morse Taper 2 - B18 spindle connection |
| B18-MC3 | Morse Taper 3 - B18 spindle connection |
| 1/2UNF-MC2 | Morse Taper 2 - Adapter 1/2" x 20 UNF |

# Accessories

## WELDON ADAPTERS

WELDON ADAPTERS (GROUP 60)



| ORDER CODE | DESCRIPTION |
|---|---|
| IBK.NIT | Adapter Nitto One Touch (externally) - 19 mm Weldon internally |
| IBK.QFN | Adapter Fein Quick IN (externally) - 19 mm Weldon internally |
| IBK.14 | Adapter 19,05 mm (¾") Weldon (outer) - ½" x 20 UNF (outer) |
| IBK.16-14 | Adapter 19,05 mm Weldon (externally) - B16 Drill chuck connection |
| IBK.16-14-N | Adapter Nitto One Touch - B16 Drill chuck connection |
| IBK.16-14-FQ | Adapter Fein Quick In - B16 Drill chuck connection |
| IBK.3219 | Reducing ring from 31,75 mm Weldon shank to 19,05 mm Weldon shank |

# Accessories

## PIPE ADAPTER KIT/MACHINE CARRYING CASES

### PIPE ADAPTER KIT (GROUP 95)

| ORDER CODE | DESCRIPTION |
|---|---|
| PAK.100 | Pipe Adapter kit for magnet max. 175 x 85 mm and max. pipe ø 80 - 250 mm. Chain length: 1,5 mm |
| PAK.200 | Pipe Adapter kit for magnet max. 230 x 110 mm and max. pipe ø 150 - 500 mm Chain length: 1,5 mm |
| PAK.EXT | Extension chain 2,5 meter |

### MACHINE CASES (GROUP 165)

| ORDER CODE | DESCRIPTION |
|---|---|
| CAS.32 | Magnetic drilling machine carry case for ECO.32 |
| CAS.32-T | Magnetic drilling machine carrying case for ECO.32-T |
| CAS.40/2 | Magnetic drilling machine carrying case for ECO.40/2 |
| CAS.50 | Magnetic drilling machine carrying case for ECO.50 |
| CAS.50-T | Magnetic drilling machine carrying case for ECO.50-T |
| CAS.EBM | Cordless magnetic drilling machine carrying case for EBM.360 |
| CAS.CHARGER | Carrying case for Battery charger |
| CAS.100/6 | ABS machine trolley for ECO.80/4 and ECO.100/4 |

# Accessories

VACUUM ADAPTER KIT / PERSONAL SAFETY EQUIPMENT / MEASURING TOOLS

## VACUUM ADAPTER KIT (GROUP 07)

| ORDER CODE | DESCRIPTION |
|---|---|
| VAC.810 | Vacuum Adapter kit ø 300 mm, including pump |
| VAC.820 | Vacuum Adapter kit oval (clamp system with 2 suction pads) including pump |

## PERSONAL SAFETY EQUIPMENT (GROUP 70)

| ORDER CODE | DESCRIPTION |
|---|---|
| SAF.100 | Safety goggles |
| SAF.200 | Earplugs |
| SAF.300 | Safety gloves, pig split / cotton, standard EN 388 |

## MEASURING TOOLS (GROUP 85)

| ORDER CODE | DESCRIPTION |
|---|---|
| PRM.02 | Measuring tape (5 meter) |
| EDS.150 | Digital caliper (150 mm length) |

# Accessories

## OTHER ACCESSORIES

OTHER ACCESSORIES (GROUP 39)

| ORDER CODE | DESCRIPTION |
|---|---|
| MAGICSTICK | Magnetic stick for cleaning up metal chips, etc. (ø 22 x 400 mm) |

Simply wave the Magnetic Stick over the metal shavings to pick them up, carry them over to your scrap barrel, pull the plunger and the shavings are neatly deposited.
The EUROBOOR Magic Stick is strong enough to quickly clean up your biggest mess of metal shavings.

- Easily clean up sharp-edged metal chips, screws and other metal parts
- Items are safely ejected off of Magic Stick without hand contact
- Ideal for hard-to-reach spaces

# Accessories

## CUTTING OIL

### IBO.10 CUTTING OIL

| ORDER CODE | CONTENT | PACKAGING |
|---|---|---|
| IBO.1001 | 1 liter | 12 x 1 liter |
| IBO.1050 | 5 liter | 4 x 5 liter |
| IBO.1060 | 50 kg | 1 x 50 kg |
| IBO.1210 | 200 kg | 1 x 200 kg |

Chlorine-free, universal, non-active cutting oil of average viscosity, minimal mist formation, high cutting power and increasing the lifespan of your tool; recommended cutting oil for all alloyed steel types. Kin. viscosity D 445, 40°C, mm2/s 27,7.

### IBO.20 CUTTING OIL

| ORDER CODE | CONTENT | PACKAGING |
|---|---|---|
| IBO.2001 | 1 liter | 12 x 1 liter |
| IBO.2050 | 5 liter | 4 x 5 liter |
| IBO.2060 | 50 kg | 1 x 50 kg |
| IBO.2200 | 200 kg | 1 x 200 kg |

Chlorine-free, active cutting oil of average viscosity, allowing high cutting speeds, minimum mist formation, and increasing the lifespan of your tool; recommended cutting oil for high steel content alloys such as stainless steel and chromium/nickel; this oil is not suitable for non-ferrous metals. Kin. viscosity D 445, 40°C, mm2/s 28,2

### IBO.50 CUTTING OIL

| ORDER CODE | CONTENT | PACKAGING |
|---|---|---|
| IBO.5001 | 1 liter | 12 x 1 liter |
| IBO.5050 | 5 liter | 4 x 5 liter |
| IBO.5060 | 50 kg | 1 x 50 kg |
| IBO.5210 | 200 kg | 1 x 200 kg |

Pure paraffin-based mineral oil without harmful additives, the recommended cutting oil for working all non-ferrous metals such as aluminium, copper and zinc. Kin. viscosity D 445, 40°C, mm2/s 12,2.

### MV.4 CUTTING OIL

| ORDER CODE | CONTENT | PACKAGING |
|---|---|---|
| MV.4001 | 1 liter | 12 x 1 liter |
| MV.4050 | 5 liter | 4 x 5 liter |
| MV.4060 | 60 liter | 1 x 50 kg |

Water-soluble synthetic cooling lubricant, particularly suitable for automatic dosing systems, no harmful mist formation, low consumption and economical in use, average mixture ratio with water 1:20.

### IBO-P.911 SPRAY CAN

| ORDER CODE | CONTENT | PACKAGING |
|---|---|---|
| IBO-P.911 | 400 ml | 12 x 400 ml |

Super-active drilling, tapping and cutting oil for difficult work.

- Lubricates and cools effectively
- Increases the lifespan of drills and drill heads, even at high speeds.
- Highly suitable as drilling and tapping lubricant for average to difficult work.
- Increases efficiency.
- Ideal for general metal working.

### IBP.50/2 CUTTING PASTE

| ORDER CODE | CONTENT | PACKAGING |
|---|---|---|
| IBP.50/2 | 1 kg | 1 x 1 kg |

IBP.50/2 paste has a strong adhesive strength for materials and tools.

- Ideal for working horizontally or upside down.
- Less grease residue (an advantage when coating/painting).
- Heavy-duty version is especially suited to high-quality steel alloys:
- Stainless steel, Hardox and train rails, for example
- Easy to dilute with normal cutting oil (increases machining force).
- Paste suitable for all machining, clearing, calibrating, threading and punching work.
- Especially suited to types of steel that are difficult to machine.

# EUROBOOR CATALOG

# TAPPING TOOLS

## Machine taps

Euroboor offers an extensive range of standard taps in HSS-Co and HSS-Co Ox material, DIN and ISO design in straight point and spiral flute.
In this section of the Euroboor catalog you will find more detailed information about our machine taps, tap holders and tapping chucks.

**Steam tempered / Vaporized**
Steam tempered or Vaporized is a special short water vapour treatment used to create a thin corrosion film. The resulting surface is treated in a special oil bath. This helps create a blue-black layer on the tool which in the first place offers better rust protection and in the second place can hold on to the lubrication. Any tensions during the process, developed in the grinding phase, are removed entirely during this treatment.

Because as a result of this the so-called cold welding is reduced during the cutting process the metal cutting operation and the tool life of the cutting tool is improved significantly.

# Tapping Tools

## MACHINE TAPS

**WHITE RING** Steam tempered for use in abrasive short chipping applications, such as cast iron and stainless steel **DIN371/376**

**GREEN RING** For tough non - ferrous metals such as aluminum, zinc, lead, copper, brass and plastic **DIN371/376**

MACHINE TAPS | THROUGH HOLES

| ORDER CODE | DESCRIPTION | | SURFACE | DIN |
|---|---|---|---|---|
| 910.030C | Machine tap M03 | HSS-Co (5%) | Blank | D371 |
| 910.040C | Machine tap M04 | HSS-Co (5%) | Blank | D371 |
| 910.050C | Machine tap M05 | HSS-Co (5%) | Blank | D371 |
| 910.060C | Machine tap M06 | HSS-Co (5%) | Blank | D371 |
| 910.080C | Machine tap M08 | HSS-Co (5%) | Blank | D371 |
| 910.100C | Machine tap M10 | HSS-Co (5%) | Blank | D371 |
| | | | | |
| 900.100C | Machine tap M10 | HSS-Co (5%) | Blank | D376 |
| 900.120C | Machine tap M12 | HSS-Co (5%) | Blank | D376 |
| 900.140C | Machine tap M14 | HSS-Co (5%) | Blank | D376 |
| 900.160C | Machine tap M16 | HSS-Co (5%) | Blank | D376 |
| 900.180C | Machine tap M18 | HSS-Co (5%) | Blank | D376 |
| 900.200C | Machine tap M20 | HSS-Co (5%) | Blank | D376 |
| 900.220C | Machine tap M22 | HSS-Co (5%) | Blank | D376 |
| 900.240C | Machine tap M24 | HSS-Co (5%) | Blank | D376 |
| 900.270C | Machine tap M27 | HSS-Co (5%) | Blank | D376 |
| 900.300C | Machine tap M30 | HSS-Co (5%) | Blank | D376 |

| ORDER CODE | DESCRIPTION | | SURFACE | DIN |
|---|---|---|---|---|
| 910.030V | Machine tap M03 | HSS-Co (5%) | OX | D371 |
| 910.040V | Machine tap M04 | HSS-Co (5%) | OX | D371 |
| 910.050V | Machine tap M05 | HSS-Co (5%) | OX | D371 |
| 910.060V | Machine tap M06 | HSS-Co (5%) | OX | D371 |
| 910.080V | Machine tap M08 | HSS-Co (5%) | OX | D371 |
| 910.100V | Machine tap M10 | HSS-Co (5%) | OX | D371 |
| | | | | |
| 900.100V | Machine tap M10 | HSS-Co (5%) | OX | D376 |
| 900.120V | Machine tap M12 | HSS-Co (5%) | OX | D376 |
| 900.140V | Machine tap M14 | HSS-Co (5%) | OX | D376 |
| 900.160V | Machine tap M16 | HSS-Co (5%) | OX | D376 |
| 900.180V | Machine tap M18 | HSS-Co (5%) | OX | D376 |
| 900.200V | Machine tap M20 | HSS-Co (5%) | OX | D376 |
| 900.220V | Machine tap M22 | HSS-Co (5%) | OX | D376 |
| 900.240V | Machine tap M24 | HSS-Co (5%) | OX | D376 |
| 900.270V | Machine tap M27 | HSS-Co (5%) | OX | D376 |
| 900.300V | Machine tap M30 | HSS-Co (5%) | OX | D376 |

## MACHINE TAPS

### BLIND HOLES

| ORDER CODE | DESCRIPTION | | SURFACE | DIN |
|---|---|---|---|---|
| 910.031C | Machine tap M03 | HSS-Co (5%) | Blank | D371 |
| 910.041C | Machine tap M04 | HSS-Co (5%) | Blank | D371 |
| 910.051C | Machine tap M05 | HSS-Co (5%) | Blank | D371 |
| 910.061C | Machine tap M06 | HSS-Co (5%) | Blank | D371 |
| 910.081C | Machine tap M08 | HSS-Co (5%) | Blank | D371 |
| 910.101C | Machine tap M10 | HSS-Co (5%) | Blank | D371 |
| | | | | |
| 900.101C | Machine tap M10 | HSS-Co (5%) | Blank | D376 |
| 900.121C | Machine tap M12 | HSS-Co (5%) | Blank | D376 |
| 900.141C | Machine tap M14 | HSS-Co (5%) | Blank | D376 |
| 900.161C | Machine tap M16 | HSS-Co (5%) | Blank | D376 |
| 900.181C | Machine tap M18 | HSS-Co (5%) | Blank | D376 |
| 900.201C | Machine tap M20 | HSS-Co (5%) | Blank | D376 |
| 900.221C | Machine tap M22 | HSS-Co (5%) | Blank | D376 |
| 900.241C | Machine tap M24 | HSS-Co (5%) | Blank | D376 |
| 900.271C | Machine tap M27 | HSS-Co (5%) | Blank | D376 |
| 900.301C | Machine tap M30 | HSS-Co (5%) | Blank | D376 |

| ORDER CODE | DESCRIPTION | | SURFACE | DIN |
|---|---|---|---|---|
| 910.031V | Machine tap M03 | HSS-Co (5%) | Ox | D371 |
| 910.041V | Machine tap M04 | HSS-Co (5%) | Ox | D371 |
| 910.051V | Machine tap M05 | HSS-Co (5%) | Ox | D371 |
| 910.061V | Machine tap M06 | HSS-Co (5%) | Ox | D371 |
| 910.081V | Machine tap M08 | HSS-Co (5%) | Ox | D371 |
| 910.101V | Machine tap M10 | HSS-Co (5%) | Ox | D371 |
| | | | | |
| 900.101V | Machine tap M10 | HSS-Co (5%) | Ox | D376 |
| 900.121V | Machine tap M12 | HSS-Co (5%) | Ox | D376 |
| 900.141V | Machine tap M14 | HSS-Co (5%) | OX | D376 |
| 900.161V | Machine tap M16 | HSS-Co (5%) | OX | D376 |
| 900.181V | Machine tap M18 | HSS-Co (5%) | OX | D376 |
| 900.201V | Machine tap M20 | HSS-Co (5%) | OX | D376 |
| 900.221V | Machine tap M22 | HSS-Co (5%) | OX | D376 |
| 900.241V | Machine tap M24 | HSS-Co (5%) | OX | D376 |
| 900.271V | Machine tap M27 | HSS-Co (5%) | OX | D376 |
| 900.301V | Machine tap M30 | HSS-Co (5%) | OX | D376 |

# Tapping Tools

## TAPPING CHUCKS

**TAPPING CHUCKS** (GROUP 135)

| ORDER CODE | DESCRIPTION |
|---|---|
| GSW.512R | Tapping chuck Quick Change M5-M12 MT 2 - 3<br>Reversible including rubber clamps |
| GSW.820R | Tapping chuck Quick Change M5-M12 MT 3 - 4<br>Reversible including rubber clamps |
| GSW.830 | Tapping chuck M10-M30 |
| VSP.160 | Rubber clamp suitable for GSW.830 (ø 9,0 - 16,0 mm) |
| VSP.230 | Rubber clamp suitable for GSW.830 (ø 16,0 - 23,0 mm) |

# Tapping Tools

## TAP HOLDER / TAPPING KIT

### TAP HOLDER (GROUP 130)

| ORDER CODE | DESCRIPTION | DIN/ISO | | |
|---|---|---|---|---|
| TCM.08D376 | Tap holder | M8 | ø 6 mm | DIN376 |
| TCM.10D376 | Tap holder | M10 | ø 7 mm | DIN376 |
| TCM.12D376 | Tap holder | M12 | ø 9 mm | DIN376 |
| TCM.14D376 | Tap holder | M14 | ø 11 mm | DIN376 |
| TCM.16D376 | Tap holder | M16 | ø 12 mm | DIN376 |
| TCM.18D376 | Tap holder | M18 | ø 14 mm | DIN376 |
| TCM.20D376 | Tap holder | M20 | ø 16 mm | DIN376 |
| TCM.22D376 | Tap holder | M22-24 | ø 18 mm | DIN376 |
| TCM.27D376 | Tap Holder | M27 | ø 20 mm | DIN376 |
| TCM.30D376 | Tap Holder | M30 | ø 22 mm | DIN376 |
| | | | | |
| TCM.1/4"ASA | Tap holder M1/4" | | ø 6,5 mm | ASA |
| TCM.5/16"ASA | Tap holder M5/16" | | ø 8,07 mm | ASA |
| TCM.3/8"ASA | Tap holder M3/8" | | ø 9,68 mm | ASA |
| TCM.7/16"ASA | Tap holder M7/16" | | ø 8,2 mm | ASA |
| TCM.1/2"ASA | Tap holder M1/2" | | ø 9,29 mm | ASA |
| TCM.9/16"ASA | Tap holder M9/16" | | ø 10,9 mm | ASA |
| TCM.5/8"ASA | Tap holder M5/8" | | ø 12,17 mm | ASA |
| TCM.11/16"ASA | Tap holder M11/16" | | ø 13,77 mm | ASA |
| TCM.3/4"ASA | Tap holder M3/4" | | ø 14,9 mm | ASA |
| TCM.13/16"ASA | Tap holder M13/16" | | ø 16,5 mm | ASA |
| TCM.15/16"ASA | Tap holder M15/16" | | ø 19,2 mm | ASA |
| TCM.1"ASA | Tap holder M1" | | ø 20,2 mm | ASA |
| TCM.1-1/16"ASA | Tap holder M1-1/16" | | ø 22,5 mm | ASA |
| TCM.1-1/8"ASA | Tap holder M1-1/8" | | ø 22,7 mm | ASA |
| TCM.1-3/16"ASA | Tap holder M1-3/16" | | ø 25,7 mm | ASA |

### TAPPING KIT THROUGH HOLES (GROUP 164)

| ORDER CODE | DESCRIPTION |
|---|---|
| TSM.330 | Tapping kit<br>HSS-Co M35 quality<br>Machine taps M3 - M30 DIN371/376<br>Tap holders M8 - M30 DIN376 |

# EUROBOOR CATALOG

# BEVELING MACHINES

**LKF.200**

The LKF.200 is easy to use, portable heavy duty machine designed for beveling steel plates and pipes prior to welding. Due to the weight of 22 kg and the double roller guide the machine is easy and light to operate.

The milling angle is adjustable from 15° to 60° and the depth is infinitely adjustable. The LKF.200 has a maximum bevel width of 20 mm. The edges are perfectly formed and need no extra finishing.

The LKF.200 processes profiles, plates and pipes (from ø 160 mm) with the greatest of ease. The LKF.200 is suitable for mild steel. The motor is provided with an electronic overload safety and a restart feature. The LKF.200 also features a compressed air connection which provides additional cooling when used intensively.

**LKF.450/2**

LKF.450/2 machine is perfectly suited for making welding angles, to countersink drilled holes and to deburr material. The Euroboor beveling machine weighs a mere 4.7 kg, making it very user-friendly and the ergonomic grip keeps it well handled.

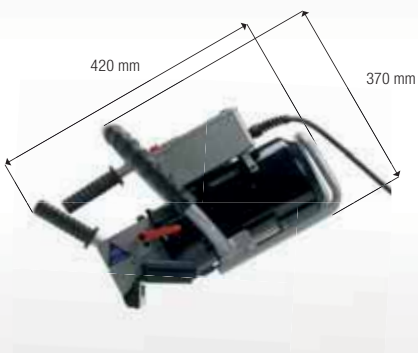
Thanks to the variable adjustable speed, this machine is not only suitable for regular steel, but also for materials such as aluminum. It is driven by a powerful 1100 W motor, which is equipped with a ‘soft-start’ feature.

LKF.450/2 machines come standard with a 45° milling head, including 2 high-quality cutting plates which can be used on 3 sides by repositioning them. You can upgrade your machine with both 30° and radius 2.5 milling heads. Cutting depth is accurate and continuously variable adjustable.

# LKF.200

BEVELING MACHINE

The LKF.200 is designed to bevel angles between 30 and 60 degree steel edges prior to welding. It is reliable and simple to use. The LKF.200 machine can be used for beveling straight steel sheets and pipes. It allows you to bevel steel edges between 15 and 60 degrees. Maximum face of bevel is 20 mm (3/4”). When equipped with special attachment it can also work on pipes above 150 mm (6”) diameter.



## LKF.200 BEVELING MACHINE

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| MOTOR POWER | 1100 Watt |
| SPEED | 2850 $min^{-1}$ |
| EDGE ANGLE | 15° - 60° |
| BEVEL WIDTH | 0 - 20 mm |
| DIMENSIONS | 420 x 300 x 300 mm |
| WEIGHT | 22 kg |
| VOLTAGE | 110 - 130 / 220 - 240 V AC |

### ORDER CODE:

LKF.200

### ACCESSORIES:

PAGE 70

## STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| LKS.10-G | Carbide cutting plates sharp corners | 70 |
| Toolkit | Tools to change milling head and cutting plates | |

## ADDITIONAL PRODUCTS AVAILABLE

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| LKS.10 | Carbide cutting plates rounded corners | 70 |
| LKS.10-R | Carbide cutting plates (TiAlN coated) with sharp corners | 70 |
| LKS.10-T | Carbide cutting plates (TiAlN coated), vaporized with rounded corners | 70 |
| LKF.225 | Pipe milling aid for LKF.200 | 70 |

## SUPPLIED COMPLETE WITH STEEL CASE INCLUDING:

- Two milling heads
- Set of assembly tools (Toolkit)
- User manual

# LKF.450/2

BEVELING MACHINE

The LKF.450/2 machine is perfectly suited for making welding angles, to countersink drilled holes and to deburr material. Thanks to the variable adjustable speed, this machine is can also be used for strong steel next to mild steel. The LKF.450/2 is powered by a strong 1100W motor, which is equipped with a ‘soft-start’ feature.

## LKF.450/2 BEVELING MACHINE

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| MOTOR POWER | 1100 Watt |
| RPM | 3000 - 6000 |
| EDGE ANGLE | 30°, 45°, Radius - 2,5 mm |
| BEVEL WIDTH 30° EDGE | 0 - 5 mm |
| BEVEL WIDTH 45° EDGE | 0 - 6 mm |
| DIMENSIONS | 265 x 125 x 305 mm |
| WEIGHT | 4,7 kg |
| VOLTAGE | 110 - 130 / 220 - 240 V AC |

### ORDER CODE:

LKF.450/2

### ACCESSORIES:

PAGES 70 - 71

### STANDARD DELIVERY

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| LKS.20 | Carbide cutting plate | 70 |
| Milling head | Milling head 30° or 45° or R-2,5 mm | 71 |

### ADDITIONAL PRODUCTS AVAILABLE

| ORDER CODE | DESCRIPTION | PAGE |
|---|---|---|
| LKS.20-R | Carbide cutting plates R-2,5 mm | 70 |
| LKF.1201 | Milling head 30° | 71 |
| LKF.1202 | Milling head 45° | 71 |
| LKF.1203 | Milling head R-2,5 mm | 71 |

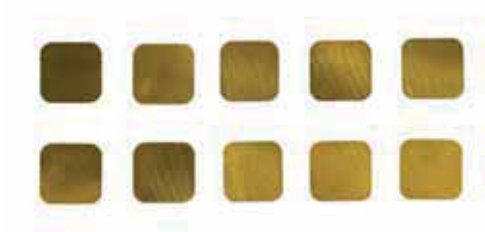
### COMPLETE DELIVERY:

- Machine LKF.450/2
- 1 Milling head including 2 cutting plates
- Wrench and pin key
- Plastic case
- User manual

# Beveling Accessories

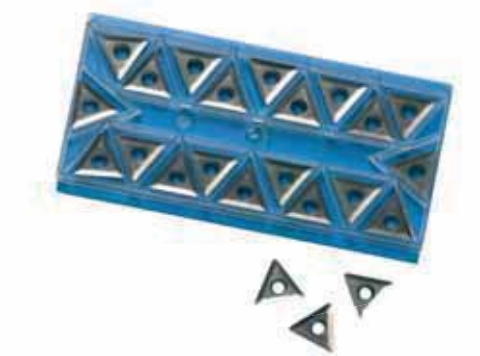
## BEVELING ACCESSORIES - CUTTING PLATES

ACCESSORIES LKF.200 - LKF.450/2 (GROUP 55)



| ORDER CODE | DESCRIPTION |
|---|---|
| LKS.10 | Carbide cutting plates with rounded corners, suitable for LKF.200 |
| LKS.10-G | Carbide cutting plates MKII with sharp corners, suitable for LKF.200 |
| LKS.10-R | Carbide cutting plates (TiAlN coated) with sharp corners, suitable for LKF.200 |
| LKS.10-T | Carbide cutting plates (TiAlN coated) with rounded corners, suitable for LKF.200 |

| | |
|---|---|
| LKF.225 | Pipe bevel accessory |



| | |
|---|---|
| LKS.20 | Carbide cutting plates suitable for LKF.1201 and LKF.1202 |

| | |
|---|---|
| LKS.20-R | Carbide cutting plates R2,5 suitable for LKF.1203 |

# Beveling Accessories

## BEVELING ACCESSORIES - MILLING HEADS

ACCESSORIES LKF.450/2 (GROUP 55)

| ORDER CODE | DESCRIPTION |
|---|---|
| LKF.1201 | Milling head 30° suitable for LKF.450/2 |
| LKF.1202 | Milling head 45° suitable for LKF.450/2 |
| LKF.1203 | Milling head R-2,5 suitable for LKF.450/2 |

# Industrial Power Grinders

ERM.100/3, AGR.840, AGR.1400, ADG.25S, ADG.20A, EDG.500

**ERM.100/3**

EUROBOOR's ERM.100/3 sharpens HSS and TCT annular cutters in the simplest possible manner. 110 and 220V suitable for all international markets.

**AGR.840, AGR.1400**

EUROBOOR's robust angle grinders are designed to meet the harsh demands of work with metal and stone dusts. Their powerful motors, rotating disc guards and comfortable grips make grinding in any area faster, easier and more efficient.

The start-up safety switch was designed to help prevent serious accidents occurring. After a power failure, the tool must be manually switched on to continue operation. Kick-back stop is another important feature, instantly shutting off the tool if the disc seizes.

**ADG.25S, ADG.20A,**

The EUROBOOR (air) Die Grinders are small in size and high on power, making it perfect for fast stock removal in hard-to-reach places. The aluminium body is designed to reduce vibration for added comfort and an easy grip. This air grinder tool features four speed settings, adjustable exhaust and paddle-style trigger.

**EDG.500**

The powerful motor with high grinding speed. All ball bearing construction. High speed for a smooth and accurate finish. The sure grip front handle provides added comfort and positive control. Straight grinders sometimes referred to as die grinders are ideal industrial power tools to get in to those difficult to reach places or when tidying up welds and seams.

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# Re-sharpening machine

## ERM.100/3 - ANNULAR CUTTER RESHARPENING MACHINE

The EUROBOOR Annular Cutter re-sharpening machine sharpens High Speed Steel and TCT annular cutters in the simplest possible manner. The robust construction and specific design enables easy operation to sharpen cutters with maximum precision. Laser alignment for fast precise setup. This machine is designed for HSS and TCT annular cutter re-sharpening.

ERM.100/3

▶ TECHNICAL DATA

| | |
|---|---|
| LENGTH | 480 mm |
| WIDTH | 300 mm |
| HEIGHT | 320 mm |
| MOTOR POWER | 130 W |
| WEIGHT | 28 kg |
| NOISE EMISSION | < 70 dBa |
| GRINDING DISK | ø 125 mm |
| WHEEL BORE | 10 mm |
| NO-LOAD SPEED | 2800 $min^{-1}$ |
| SHAFT BORE | 19,05 mm Weldon |
| VOLTAGE | 110 - 120 V AC / 50Hz |
| | 220 - 240 V AC / 50Hz |

▶ ORDER CODE:

ERM.100/3

STANDARD DELIVERY

| ORDER CODE | DESCRIPTION |
|---|---|
| ERM3.0001 | Cubic Boron Nitride (CBN) re-sharpening wheel |
| ERM3.0006 | Index plates T6 and T7 |
| ERM3.0007 | Index plates T8 and T10 |
| ERM3.0008 | Index plates T9 |

ADDITIONAL PRODUCTS AVAILABLE

| ORDER CODE | DESCRIPTION |
|---|---|
| SHAFT BORE | 31,75 mm Weldon |

**FEATURES**

- Will re-sharpen cutters from ø 12 mm up to 100 mm Diameter in cutting depths of 25 - 100 mm;
- Lightweight and portable - ideal for on-site work, or a small workshop;
- Easy angle adjustment - simple alignment to original angle geometry;
- Laser guided cutter alignment - ensures correct positioning of cutting edge to the wheel.

# Industrial Power Grinders

## AGR.840 – 125 MM ANGLE GRINDER 840 W

High performance motor with enough power for masonry cutting and high heat resistance. The Euroboor AGR.840 single speed 125 mm angle grinder is fitted with a powerful 840 W motor and is designed to be used by the more professional user who requires a powerful machine but with a minimum of weight.

AGR.840

**TECHNICAL DATA**

| | |
|---|---|
| DISK | ø 125 mm |
| WHEEL BORE | ø 22 mm |
| SPINDLE THREAD | M14 |
| RATED VOLTAGE | 220-240 V |
| RATED FREQUENCY | 50/60 Hz |
| RATED POWER INPUT | 840 W |
| NO-LOAD SPEED | 10.000 $min^{-1}$ |
| WEIGHT | 1,6 KG |
| TOTAL LENGTH | 259 mm |

**ORDER CODE:**

AGR.840

### FEATURES

- Powerful 840 W motor
- High overload durability
- Compact design
- Side mounted switch
- Two position side handle

### STANDARD ACCESSORIES

- Side handle
- Wrench

### MAIN APPLICATIONS

- Grinding and cutting metals
- Grinding and cutting concrete
- Compact size perfect for builders, metal workers and electricians

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# Industrial Power Grinders

## AGR.1400 – 125 MM ANGLE GRINDER 1400 W

The EUROBOOR 125 mm AGR.1400 has the perfect combination of durability, functionality, power and a fantastic price to match! Its single speed variable 1400 W anti dust motor is fitted with a soft start feature to cope with the initial surge from such a powerful motor. Easy-to-operate paddle type on/off switch. Durable motor with high heat resistance. Rotating gear housing can be positioned every 90 degrees.

### AGR.1400 – ANGLE GRINDER

**TECHNICAL DATA**

| | |
|---|---|
| BLADE DIAMETER | ø 125 mm |
| HOLE DIAMETER OF DISC | ø 22 mm |
| SPINDLE THREAD | M14 |
| RATED VOLTAGE | 220 - 240 V |
| RATED FREQUENCY | 50/60 Hz |
| RATED POWER INPUT | 1400 W |
| NO-LOAD SPEED | 10.000 $min^{-1}$ |

**ORDER CODE:**

AGR.1400

### FEATURES

- Powerful 1400 W motor
- High overload durability
- Multiple position handle
- Side spindle lock
- Keyless guard adjustment

### STANDARD ACCESSORIES

- Side handle
- Wrench

### MAIN APPLICATIONS

- Grinding and cutting metals
- Grinding and cutting concrete
- Compact size perfect for builders, metal workers and electricians

# Industrial Power Grinders

## ADG.20A – AIR DIE GRINDER - ANGLE

The ADG.20A Air Grinder Die Angle allows easy handling in confined areas. A safety-style paddle trigger prevents accidental starting. Operates at up to 20.000 RPM for fast material removal. Built-in regulator controls grinding speed. Rear exhaust keeps shavings and dust from blowing back.

The durable, lightweight aluminium housing ensures superior performance and great control. The Euroboor Air Die Grinder comes in a carry case including a mini-box with 10 rotary burrs.

**ADG.20A – AIR DIE GRINDER - ANGLE**

▶ TECHNICAL DATA

| | |
|---|---|
| LENGTH | 135 mm |
| NO-LOAD SPEED | 20.000 $min^{-1}$ |
| WORKING PRESSURE | 6.3 bar / 90 PSI |
| WEIGHT | 500 gram |
| AIR CONSUMPTION | 3.5 scfm |
| CAPACITY | 6 mm |
| EXHAUST | Rear |

▶ ORDER CODE:

ADG.20A

### FEATURES

- Lightweight aluminium body reduces vibration
- Paddle trigger with safety
- Rear exhaust

### CONTENT MINI-BOX

1x RB.B0606 type B cylinder with end cut
1x RB.B1206 type B cylinder with end cut
1x RB.C0606 type C nose cylinder
1x RB.C1206 type C nose cylinder
1x RB.D0606 type D spherical
1x RB.D1206 type D spherical
1x RB.F0606 type F ARC Ball Nose Tree
1x RB.F1206 type F ARC Ball Nose Tree
1x RB.G0606 type G ARC Pointed Tree
1x RB.G1206 type G ARC Pointed Tree

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# Industrial Power Grinders

## ADG.25S - AIR DIE GRINDER - STRAIGHT

EUROBOOR's low-noise Air Die Grinder - Straight is engineered to deliver maximum quality, durability and performance. It offers advantages such as tuned rear exhaust to keep noise levels to a minimum, lightweight aluminium housing for exceptional comfort and control, and a power/speed regulator for RPM adjustment, all contributing to better efficiency and productivity. The ADG.25S Air Die Grinder comes in a carry case including a mini-box with 10 rotary burrs.

### ADG.25S – STRAIGHT AIR DIE GRINDER

**TECHNICAL DATA**

| | |
|---|---|
| LENGTH | 148 mm |
| NO-LOAD SPEED | 25.000 $min^{-1}$ |
| WORKING PRESSURE | 6.3 bar / 90 PSI |
| WEIGHT | 380 gram |
| AIR CONSUMPTION | 3.5 scfm |
| CAPACITY | 6 mm |
| EXHAUST | Rear |

**ORDER CODE:**

ADG.25S

### FEATURES

- Lightweight aluminium body reduces vibration
- Paddle trigger with safety
- Rear exhaust

### CONTENT MINI-BOX

1x RB.B0606 type B cylinder with end cut
1x RB.B1206 type B cylinder with end cut
1x RB.C0606 type C nose cylinder
1x RB.C1206 type C nose cylinder
1x RB.D0606 type D spherical
1x RB.D1206 type D spherical
1x RB.F0606 type F ARC Ball Nose Tree
1x RB.F1206 type F ARC Ball Nose Tree
1x RB.G0606 type G ARC Pointed Tree
1x RB.G1206 type G ARC Pointed Tree

# Industrial Power Grinders

## EDG.500 – ELECTRIC DIE GRINDER

The EDG.500 has a powerful motor with high grinding speed. It is the perfect tool to clean up welding, polish stainless steel and remove rust. High speed for a smooth and accurate finish. The grip front handle provides added comfort and positive control. The long nose design makes it possible to use the air die grinder in hard to reach places like inside cylindrical objects. The lock-on slide switch prevents user fatigue when working continuously.

This Electrical Die Grinder is equipped with high quality, heat insulating soft grip for the most control and high ease of use. With the EUROBOOR Electric Die Grinder you will complete your jobs fast and efficiently. The Electrical Die Grinder is shipped in a carrying case including a mini-box with 10 rotary burrs.

EDG.500 – ELECTRIC DIE GRINDER

▶ TECHNICAL DATA

| | |
|---|---|
| RATED INPUT POWER | 500 W |
| NO-LOAD SPEED | 27000 $min^{-1}$ |
| CAPACITY | 6 en 3 mm |
| WEIGHT | 1,8 KG |
| LENGTH | 365 mm |
| MOTOR | 220-240V I 50/60Hz |

▶ ORDER CODE:

EDG.500

**FEATURES**

- High power compact 500 W motor with soft start
- Compact, ergonomic shape for versatile grinding work
- Direct cooling for high overload capability and long lifetime
- Grip covered handle improves user comfort
- Slim gear box design enables use in hard to reach places
- Metal gear housing increases durability and longevity
- Lock-on slide switch reduces user fatigue

**CONTENT MINI-BOX**

1x RB.B0606 type B cylinder with end cut
1x RB.B1206 type B cylinder with end cut
1x RB.C0606 type C nose cylinder
1x RB.C1206 type C nose cylinder
1x RB.D0606 type D spherical
1x RB.D1206 type D spherical
1x RB.F0606 type F ARC Ball Nose Tree
1x RB.F1206 type F ARC Ball Nose Tree
1x RB.G0606 type G ARC Pointed Tree
1x RB.G1206 type G ARC Pointed Tree

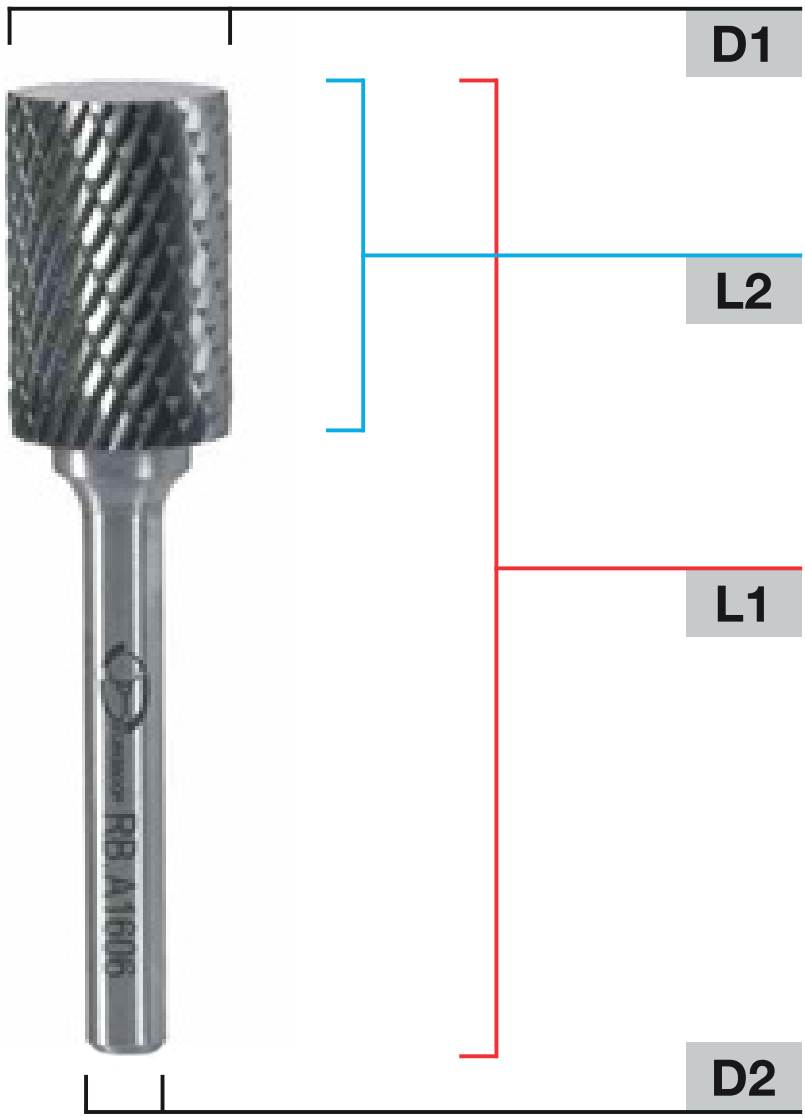
## FEATURES

Tungsten Carbide Rotary Burrs
Coating: Bright

**Double cut**

Euroboor heat treated durable carbide rotary burrs are engineered for rapid stock removal in harder materials. The coarse pitch of the teeth remove material effectively, while the deep secondary cuts allows for smooth operation. It reduces the size of the chips and can be used at slower speeds than usual. The addition of the left hand flutes reduces the pulling action, allowing better operator control.

| | |
|---|---|
| D1 mm | Diameter of head |
| L2 mm | Length of head |
| D2 mm | Diameter of shank |
| L1 mm | Total length |

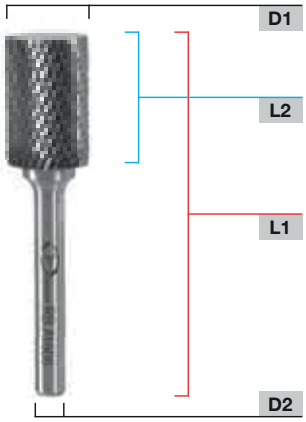


# Accessories

## ROTARY BURRS

ROTARY BURRS

TYPE A CYLINDER - WITHOUT END CUT (GROUP 34)




| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.A0303 | 3 | 13 | 3 | 38,5 | Universal |
| RB.A0606 | 6 | 16 | 6 | 61 | Universal |
| RB.A0806 | 8 | 20 | 6 | 65 | Universal |
| RB.A1006 | 10 | 20 | 6 | 65 | Universal |
| RB.A1206 | 12 | 25 | 6 | 70 | Universal |
| RB.A1606 | 16 | 25 | 6 | 70 | Universal |
| | | | | | |
| RBD.A0806 | 8 | 20 | 6 | 65 | Diamond |
| RBD.A1006 | 10 | 20 | 6 | 65 | Diamond |
| RBD.A1206 | 12 | 25 | 6 | 70 | Diamond |
| RBD.A1606 | 16 | 25 | 6 | 70 | Diamond |

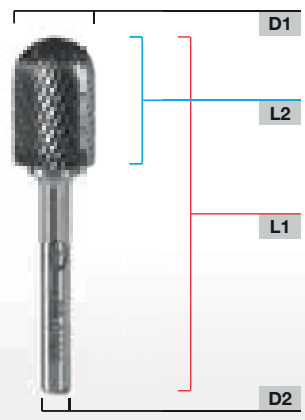
ROTARY BURRS

TYPE B CYLINDER - WITH END CUT (GROUP 34)

| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.B0303 | 3 | 13 | 3 | 38,5 | Universal |
| RB.B0606 | 6 | 16 | 6 | 61 | Universal |
| RB.B0806 | 8 | 20 | 6 | 65 | Universal |
| RB.B1006 | 9,5 | 20 | 6 | 65 | Universal |
| RB.B1206 | 12 | 25 | 6 | 70 | Universal |
| RB.B1606 | 16 | 25 | 6 | 70 | Universal |
| | | | | | |
| RBD.B0806 | 8 | 20 | 6 | 65 | Diamond |
| RBD.B1006 | 9,5 | 20 | 6 | 65 | Diamond |
| RBD.B1206 | 12 | 25 | 6 | 70 | Diamond |
| RBD.B1606 | 16 | 25 | 6 | 70 | Diamond |

ROTARY BURRS

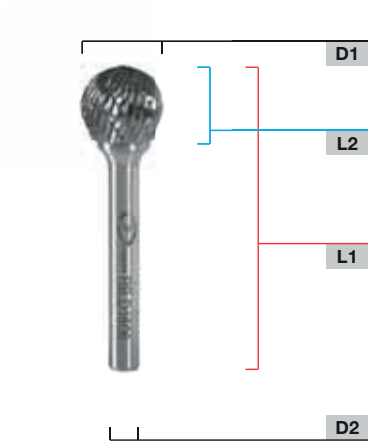
TYPE C - BALL NOSE CYLINDER (GROUP 34)




| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.C0303 | 3 | 13 | 3 | 38,5 | Universal |
| RB.C0606 | 6 | 16 | 6 | 61 | Universal |
| RB.C0806 | 8 | 20 | 6 | 65 | Universal |
| RB.C1006 | 9,5 | 20 | 6 | 65 | Universal |
| RB.C1206 | 12 | 25 | 6 | 70 | Universal |
| RB.C1606 | 16 | 25 | 6 | 70 | Universal |
| | | | | | |
| RBD.C0806 | 8 | 20 | 6 | 65 | Diamond |
| RBD.C1006 | 9,5 | 20 | 6 | 65 | Diamond |
| RBD.C1206 | 12 | 25 | 6 | 70 | Diamond |
| RBD.C1606 | 16 | 25 | 6 | 70 | Diamond |

ROTARY BURRS

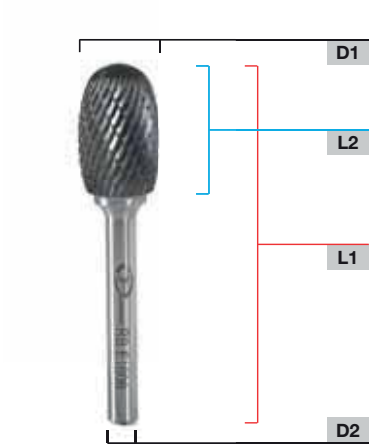
## TYPE D - BALL (GROUP 34)




| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.D0303 | 3 | 2,7 | 3 | 38,5 | Universal |
| RB.D0606 | 6 | 5,4 | 6 | 61 | Universal |
| RB.D0806 | 8 | 7,2 | 6 | 65 | Universal |
| RB.D1006 | 9,5 | 9 | 6 | 65 | Universal |
| RB.D1206 | 12 | 10,8 | 6 | 70 | Universal |
| RB.D1606 | 16 | 14,4 | 6 | 70 | Universal |
| | | | | | |
| RBD.D0806 | 8 | 7,2 | 6 | 65 | Diamond |
| RBD.D1006 | 9,5 | 9 | 6 | 65 | Diamond |
| RBD.D1206 | 12 | 10,8 | 6 | 70 | Diamond |
| RBD.D1606 | 16 | 14,4 | 6 | 70 | Diamond |

ROTARY BURRS

## TYPE E - OVAL (GROUP 34)




| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.E0303 | 3 | 7 | 3 | 38,5 | Universal |
| RB.E0606 | 6 | 10 | 6 | 55 | Universal |
| RB.E0806 | 8 | 13 | 6 | 58 | Universal |
| RB.E1006 | 10 | 16 | 6 | 61 | Universal |
| RB.E1206 | 12 | 20 | 6 | 65 | Universal |
| RB.E1606 | 16 | 25 | 6 | 70 | Universal |
| | | | | | |
| RBD.E0806 | 8 | 13 | 6 | 58 | Diamond |
| RBD.E1006 | 10 | 16 | 6 | 61 | Diamond |
| RBD.E1206 | 12 | 20 | 6 | 65 | Diamond |
| RBD.E1606 | 16 | 25 | 6 | 70 | Diamond |

ROTARY BURRS

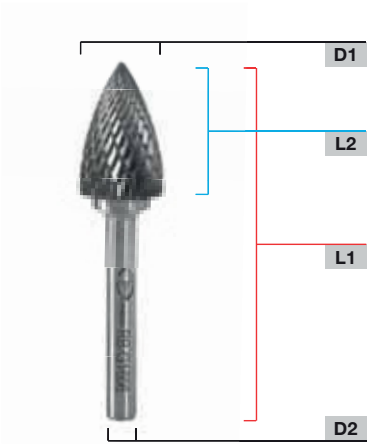
## TYPE F - BALL NOSE TREE (GROUP 34)

| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.F0303 | 3 | 13 | 3 | 38,5 | Universal |
| RB.F0606 | 6 | 18 | 6 | 63 | Universal |
| RB.F0806 | 8 | 20 | 6 | 65 | Universal |
| RB.F1006 | 10 | 20 | 6 | 65 | Universal |
| RB.F1206 | 12 | 25 | 6 | 70 | Universal |
| RB.F1606 | 16 | 25 | 6 | 70 | Universal |
| | | | | | |
| RBD.F0806 | 8 | 20 | 6 | 65 | Diamond |
| RBD.F1006 | 10 | 20 | 6 | 65 | Diamond |
| RBD.F1206 | 12 | 25 | 6 | 70 | Diamond |
| RBD.F1606 | 16 | 25 | 6 | 70 | Diamond |

# Accessories

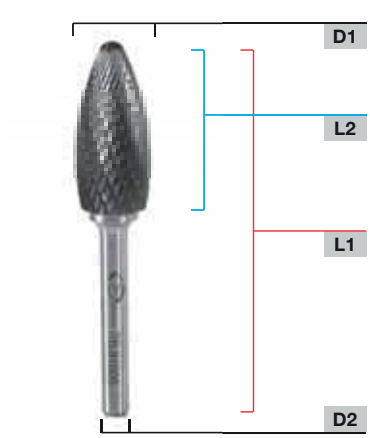
## ROTARY BURRS

### ROTARY BURRS — TYPE G - ARC POINTED TREE (GROUP 34)



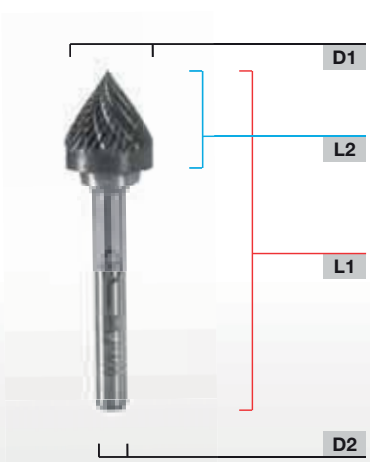

| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.G0303 | 3 | 13 | 3 | 38,5 | Universal |
| RB.G0606 | 6 | 18 | 6 | 63 | Universal |
| RB.G0806 | 8 | 20 | 6 | 65 | Universal |
| RB.G1006 | 9,5 | 20 | 6 | 65 | Universal |
| RB.G1206 | 12 | 25 | 6 | 70 | Universal |
| RB.G1606 | 16 | 25 | 6 | 70 | Universal |
| | | | | | |
| RBD.G0806 | 8 | 20 | 6 | 65 | Diamond |
| RBD.G1006 | 9,5 | 20 | 6 | 65 | Diamond |
| RBD.G1206 | 12 | 25 | 6 | 70 | Diamond |
| RBD.G1606 | 16 | 25 | 6 | 70 | Diamond |

### ROTARY BURRS — TYPE H - FLAME (GROUP 34)




| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.H0303 | 3 | 13 | 3 | 38,5 | Universal |
| RB.H0606 | 6 | 18 | 6 | 63 | Universal |
| RB.H0806 | 8 | 20 | 6 | 65 | Universal |
| RB.H1006 | 9,5 | 20 | 6 | 70 | Universal |
| RB.H1206 | 12 | 25 | 6 | 77 | Universal |
| RB.H1606 | 16 | 25 | 6 | 81 | Universal |
| | | | | | |
| RBD.H0806 | 8 | 20 | 6 | 65 | Diamond |
| RBD.H1006 | 9,5 | 20 | 6 | 70 | Diamond |
| RBD.H1206 | 12 | 25 | 6 | 77 | Diamond |
| RBD.H1606 | 16 | 25 | 6 | 81 | Diamond |

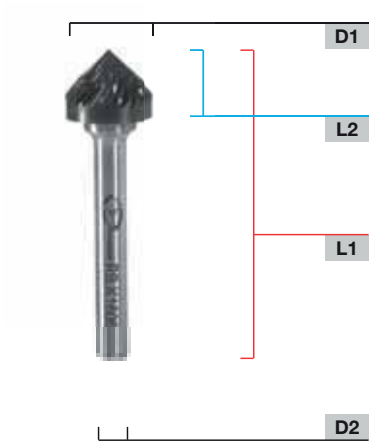
### ROTARY BURRS — TYPE J – 60 DEGREE CONE (GROUP 34)




| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.J0606 | 6 | 5,2 | 6 | 50 | Universal |
| RB.J1006 | 10 | 8,7 | 6 | 53 | Universal |
| RB.J1206 | 12 | 10,4 | 6 | 55 | Universal |
| RB.J1606 | 16 | 13,8 | 6 | 58 | Universal |
| | | | | | |
| RBD.J1006 | 10 | 8,7 | 6 | 53 | Diamond |
| RBD.J1206 | 12 | 10,4 | 6 | 55 | Diamond |
| RBD.J1606 | 16 | 13,8 | 6 | 58 | Diamond |

ROTARY BURRS

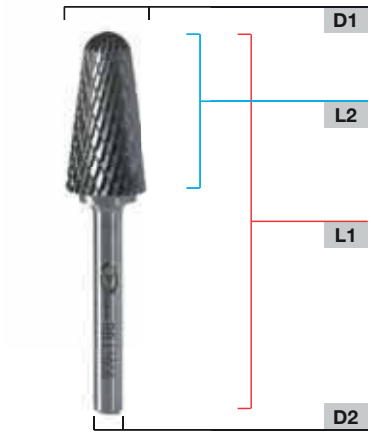
## TYPE K – 90 DEGREE CONE (GROUP 34)




| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.K0606 | 6 | 16 | 6 | 61 | Universal |
| RB.K1006 | 10 | 25 | 6 | 70 | Universal |
| RB.K1206 | 12 | 28 | 6 | 73 | Universal |
| RB.K1606 | 16 | 33 | 6 | 78 | Universal |
| | | | | | |
| RBD.K1206 | 12 | 28 | 6 | 73 | Diamond |
| RBD.K1606 | 16 | 33 | 6 | 78 | Diamond |

ROTARY BURRS

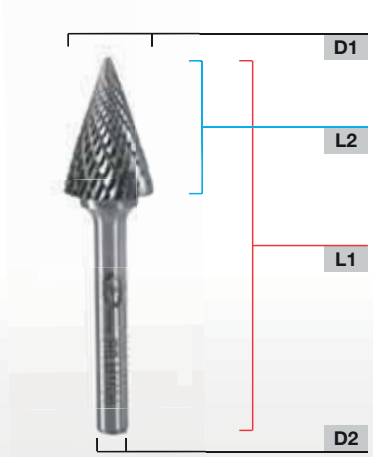
## TYPE L - BALL NOSE CONE (GROUP 34)




| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.L0303 | 3 | 13 | 3 | 38,5 | Universal |
| RB.L0606 | 6 | 18 | 6 | 61 | Universal |
| RB.L0806 | 8 | 22 | 6 | 65 | Universal |
| RB.L1006 | 10 | 25 | 6 | 70 | Universal |
| RB.L1206 | 12 | 28 | 6 | 73 | Universal |
| RB.L1606 | 16 | 33 | 6 | 78 | Universal |
| | | | | | |
| RBD.L0806 | 8 | 22 | 6 | 65 | Diamond |
| RBD.L1006 | 10 | 25 | 6 | 70 | Diamond |
| RBD.L1206 | 12 | 28 | 6 | 73 | Diamond |
| RBD.L1606 | 16 | 33 | 6 | 78 | Diamond |

ROTARY BURRS

## TYPE M - CONE (GROUP 34)




| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.M0303 | 3 | 13 | 3 | 38,5 | Universal |
| RB.M0606 | 6 | 18 | 6 | 63 | Universal |
| RB.M0806 | 8 | 20 | 6 | 65 | Universal |
| RB.M1006 | 10 | 20 | 6 | 65 | Universal |
| RB.M1206 | 12 | 25 | 6 | 70 | Universal |
| RB.M1606 | 16 | 25 | 6 | 70 | Universal |
| | | | | | |
| RBD.M0806 | 8 | 20 | 6 | 65 | Diamond |
| RBD.M1006 | 10 | 20 | 6 | 65 | Diamond |
| RBD.M1206 | 12 | 25 | 6 | 70 | Diamond |
| RBD.M1606 | 16 | 25 | 6 | 70 | Diamond |

# Accessories

## ROTARY BURRS

### ROTARY BURRS — TYPE N – INVERTED CONE (GROUP 34)

| ORDER CODE | D1 Ø MM | L2 MM | D2 Ø MM | L1 MM | TEETH |
|---|---|---|---|---|---|
| RB.N0303 | 3 | 13 | 3 | 38,5 | Universal |
| RB.N0606 | 6 | 17 | 6 | 52 | Universal |
| RB.N1006 | 10 | 10 | 6 | 55 | Universal |
| RB.N1206 | 12 | 13 | 6 | 58 | Universal |
| RB.N1606 | 16 | 16 | 6 | 61 | Universal |
| | | | | | |
| RBD.N1006 | 10 | 10 | 6 | 55 | Diamond |
| RBD.N1206 | 12 | 13 | 6 | 58 | Diamond |

### ROTARY BURR SET (GROUP 34)

| ORDER CODE | DESCRIPTION |
|---|---|
| RBS.105 | 5 piece rotary burr set - shaft ø 6 mm - Universal teeth.<br>High quality Tungsten Carbide (K30).<br>Double cut - designed for rapid stock removal.<br><br>RB.A1006 - Cylinder without end cut<br>RB.B1006 - Cylinder with end cut<br>RB.C1206 - Ball nosed cylinder<br>RB.F1006 - Ball nosed tree<br>RB.L1206 - Ball nosed cone |

### ROTARY BURR SET (GROUP 34)

| ORDER CODE | DESCRIPTION |
|---|---|
| RBS.110 | 10 piece rotary burr set - shaft ø 6 mm - Universal teeth.<br>High quality Tungsten Carbide (K30).<br>Double cut - designed for rapid stock removal.<br><br>RB.A1006 - Cylinder without end cut<br>RB.C1006 - Ball nosed cylinder<br>RB.D1006 - Ball<br>RB.E1206 - Oval<br>RB.F1206 - Ball nosed tree<br>RB.G1206 - Arc pointed tree<br>RB.J1006 - 60 degree cone<br>RB.L1206 - Ball nosed cone<br>RB.M1206 - Cone<br>RB.N1006 - Inverted cone |

# EUROBOOR CATALOG

# BLADERUNNER

Effortlessly sawing at high speed through all sorts of materials such as steel, stainless steel, aluminum and copper. Wood and plastic are not a problem either to the Bladerunner. Plates, profiles or pipes; the Bladerunner makes short work of everything it gets its teeth into. Showers of sparks belong almost to the past.

Chips are automatically caught in the integrated chip collector and therefore the surroundings remain clean. The Bladerunner is lightweight and ergonomically designed. The result; easily manageable, extremely precise and accurate working.

The EHC.230/4 is equipped with a variable angle setting. Because of this the range of possibilities is even more extensive. Think for example about sawing beveling edges. All Bladerunner machines are not only efficient but safe and durable as well. All Bladerunner saw blades are provided with ‘Omnicutting technique’. One saw blade enables you to cut steel, stainless steel or aluminum. Imagine the comfort and cost savings this system offers you!

# Sawing Machines

## EHC.230/4 – METAL CUTTING CIRCULAR SAW

### EHC.230/4 – METAL CUTTING CIRCULAR SAW

▶ TECHNICAL DATA

| | |
|---|---|
| VOLTAGE | 220-240V/50HZ |
| NO-LOAD SPEED | 2300 MIN$^{-1}$ (IDLE) |
| MOTOR POWER | 1800 W |
| ANGLE ADJUSTMENT | 0 - 45 ° |
| BORE SIZE | Ø 25,4 MM |
| MAX. CUTTING DEPTH | 90° - 83 MM (TUBES) |
| | 45° - 58 MM |
| MAX. CUTTING THICKNESS (STEEL PLATE) | 6 MM |
| MAX. CONTINUOUS USE | 30 MINUTES |
| MAX. Ø SAW BLADE | 230 MM (9") |
| CUT-OFF CAPACITY | 3-13 MM |
| WEIGHT | 9,5 KG |

BUILT-IN LASER INDICATOR

▶ ORDER CODE:
EHC.230/4

▶ ACCESSORIES:
PAGE 90

The strong 1800 W EHC.230/4 hand circular saw cuts comfortably through steel, aluminium and Stainless Steel. The processing of these materials is done safely, quickly and practically without sparking for a burr-free finish. The angled mounted motor makes this Bladerunner a very compact machine and should definitely be a part of your workshop.

**FEATURES**

- Oil bath gear box
- Four times faster than abrasive cutters
- All ball bearing motor for smooth cuts
- Cut through metal as thick as 13 mm (1/2")
- Adjustable cutting depth
- Front handle for better control
- Improved spindle lock
- Hex wrench

ACCESSORIES - SAW BLADES

| ORDER CODE | DESCRIPTION |
|---|---|
| 230.0003 | Saw blade ø 230 mm (9"), 48 teeth, bore size 25,4 mm (1") |

# Sawing Machines

## EDC.140 – CUT-OFF SAWING MACHINE

### EDC.140 – CUT-OFF SAWING MACHINE

#### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| CAPACITY | 2200 Watt |
| VOLTAGE | 220V/50hz |
| WEIGHT | 24 kg |
| RPM | 1300 (MIN-1) IDLE |
| SAW BLADE | 14" (355 mm) |
| ANGLE ADJUSTMENT | 0 - 45 ° |
| RANGE AT 45° | Pipe: max. ø 105 mm, |
| | Square: 90 x 90 (110) mm |
| RANGE AT 90° | Pipe: max. ø 130 mm, |
| | Square 120 x 120 (185) mm |
| DIMENSIONS | 540 x 290 x 410 mm |

#### ORDER CODE:

EDC.140

#### ACCESSORIES:

PAGE 90

### ACCESSORIES – SAW BLADES

| ORDER CODE | DESCRIPTION | | |
|---|---|---|---|
| 130.355 | Saw blade ø 355 mm (14") | 72 teeth | bore size 25,4 mm (1") |
| 130.355/80 | Saw blade ø 355 mm (14") | 80 teeth | bore size 25,4 mm (1") |

# Sawing Machines

## EBS.400 - BANDSAW MACHINE

### EBS.400 - BANDSAW MACHINE

**TECHNICAL SPECIFICATIONS**

| | |
|---|---|
| CAPACITY | 370 Watt |
| VOLTAGE | 220V |
| WEIGHT | 27 kg |
| ANGLE ADJUSTMENT | 0 - 45 ° (left) |
| SAWING SPEED | 45 M/min |
| RANGE AT 45° | square 100 x 60 mm |
| RANGE AT 90° | pipe max. ø 100 mm, square 100 x 150 mm |
| RPM | 1430 min-1 |
| SAW BAND | 1470 x 13 x 0,65 mm |
| DIMENSIONS | 710 x 370 x 450 mm |
| AUTOMATIC SHUT-OFF | By means of micro-switch |

**ORDER CODE:**

EBS.400

**ACCESSORIES:**

PAGE 90

**ACCESSORIES – BAND SAW BLADES** (GROUP 65)

| ORDER CODE | DESCRIPTION | PACKAGING |
|---|---|---|
| 400.0001 | EBS.400 band saw | 5 pieces |
| EBS.400-T | Frame compatible with EBS.400 | |

# Accessories

## CIRCLE SAW BLADES / BANDSAWS

### CIRCLE SAW BLADES (GROUP 160)

| ORDER CODE | DESCRIPTION | | |
|---|---|---|---|
| 185.0370 | Saw blade ø 180 mm (7”) | 36 teeth | bore size 20,0 mm (1”) |
| 200.0001 | Saw blade ø 200 mm (8”) | 36 teeth | bore size 20,0 mm (1”) |
| 230.0003 | Saw blade ø 230 mm (9”) | 48 teeth | bore size 25,4 mm (1”) |
| 130.305 | Saw blade ø 305 mm (12”) | 60 teeth | bore size 25,4 mm (1”) |
| 130.355 | Saw blade ø 355 mm (12”) | 72 teeth | bore size 25,4 mm (1”) |
| 130.355/80 | Saw blade ø 355 mm (12”) | 80 teeth | bore size 25,4 mm (1”) |

### BANDSAW (GROUP 65)

| ORDER CODE | DESCRIPTION | PACKAGING |
|---|---|---|
| EBS.0001 | EBS.100 band saw | Per 5 pieces |
| 400.0001 | EBS.400 band saw | Per 5 pieces |

### OTHER ACCESSORIES (GROUP 39)

| ORDER CODE | DESCRIPTION |
|---|---|
| EBS.400-T | Table for EBS.400 |

# Abridged statement of general terms and conditions

## OF EUROBOOR B.V. in Zoetermeer, the Netherlands

**1. GENERAL**

All our offers, quotations, agreements and their implementations are subject to the General Terms and Conditions as deposited at the Chamber of Commerce and Industry in The Hague. The applicability of all other General Terms and Conditions, in particular those of the client and/or contractor is explicitly excluded.

**2. QUOTATIONS**

All our quotations are in principle offered without any obligation unless a given period of validity is indicated. All information and/or data provided with the quotation remains our intellectual property.
We cannot be deemed liable for incorrect statement of the information provided with our quotations.

**3. AGREEMENTS**

Agreements, including further commitments and/or modifications, are only binding following our explicit confirmation or acceptance. In this regard only our records are conclusive. We are entitled to demand sureties in advance as well engage third parties for the implementation of the agreement.

**4. PRICES**

Our prices are calculated on the basis of purchasing costs and other cost price factors and based on delivery ex-factory/store and exclusive of Value Added Tax, shipping, etc. Changes in prices are explicitly reserved.

**5. DELIVERIES AND LEADTIMES**

Deliveries commence in principle on leaving our factory/store. Only those part-deliveries that are designated as such by us are permitted to be free at destination. Delivery times are stated as approximate. Exceeding these times does not give rise to any claims to damages in any event. Cancellation is only permitted after repeatedly (excessively) exceeding the delivery time and following written notice of default by the other party except for force majeure on our part. On receipt the delivered goods must be inspected for damage and defects which must be reported on the delivery and despatch notes. Returns, on our agreement, shall be at the other parties' costs.

**6. TRANSPORT**

Transport packaging is at the cost and risk of the other party, even if the transport documents state otherwise.

**7. FORCE MAJEURE**

In the event of force majeure we shall have the right to suspend or dissolve our obligations.

**8. LIABILITY**

Except for potential indemnity insurance, our liability is limited to the net invoice value of the delivered goods. As regards the remainder, the other party indemnifies us against every claim to damage compensation disregarding the cause.

**9. COMPLAINTS**

Complaints must be reported to us in writing within 8 days of delivery (for invoices this is 8 days following the invoice date), whereupon the other party is bound by the agreement. As regards hidden defects a period of 8 days after detection applies and an ultimate period of 6 months after delivery. Returns may only proceed following our prior written permission.

**10. PAYMENT AND RETENTION OF TITLE**

Payment shall be made no later than 30 days after date of invoice into our bank account. Interest at 1.5% per (part of a) month shall be incurred if this period is exceeded. All further invoicing costs incurred shall be charged to the negligent other party. In the event of late payments, the agreement may be dissolved by us without recourse to the courts, whereupon all our title rights are restored. The extrajudicial collection costs shall be no less than 15% of the total amount owed. Interest and costs of the claims are settled first. Insofar as the other party has not fulfilled its obligations in their entirety, all goods supplied by us which are still with the other party shall remain our (joint) property, which on the introduction of the New Dutch Civil Code has been lost as a non-possessory pledge concerning the goods for our (surety) collateral and that for the value of what the other party is indebted to us. In the event of resale of (yet) unpaid goods the other party is obliged to cooperate with their assignment.
The other party shall be obliged to draw up a similar retention of title as regards his purchaser.

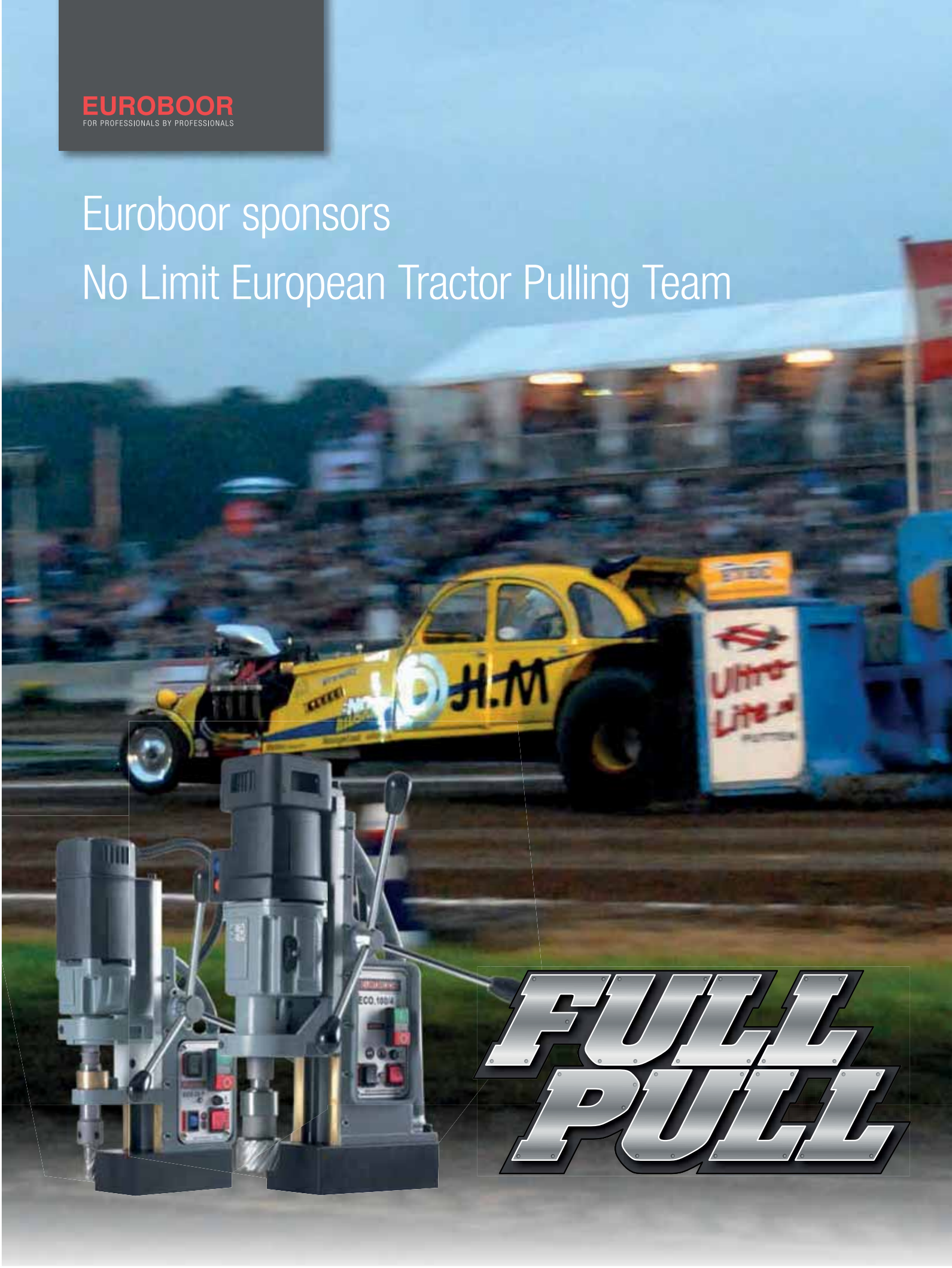
**11. DISPUTES**

Disputes will be submitted to the competent court in our place of business unless we choose otherwise.

# Notes

EUROBOOR
FOR PROFESSIONALS BY PROFESSIONALS

# Euroboor sponsors
# No Limit European Tractor Pulling Team



# EUROBOOR

FOR PROFESSIONALS BY PROFESSIONALS

**YOUR DEALER:**

EUROBOOR

FOR PROFESSIONALS BY PROFESSIONALS

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